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ABSTRACT

A second year evaluation of the educational television series "Sesame Street consisted of a new study to determine the effect of the revised second year curriculum goals and a followup study to determine the effects of a second year of viewing Sesame Street and the effect of the program on children who entered school after viewing for one year. This volume of the study contains data tables and figures. (JY)

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THE SECOND YEAR OF SESAME STREET: A CONTINUING EVALUATION

Volume 2

by: Gerry Ann Bogatz

Samuel Ball

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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A report to the Children's Television Workshop

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TABLE 1

Pretest and Gain Scores for Black and White Disadvantaged Children* in Year I Study

	Black N=309 Grand Total Score				White N=152 Grand Total Score			
	Pretest Mean	SD	Mean Gain	SD	Pretest Mean	SD	Mean Gain	SD
Q1 N=86	79.0	23.9	18.5	18.5	Q1 N=29	75.5	27.9	21.1	19.0
Q2 N=82	88.1	30.4	30.4	26.5	Q2 N=53	91.0	29.3	30.4	19.7
Q3 N=76	92.8	28.1	39.4	26.7	Q3 N=32	92.6	27.9	40.1	22.3
Q4 N=65	104.8	35.4	44.9	27.6	Q4 N=38	95.7	33.8	52.2	23.9

	Peabody Mental Age (Months)			Peabody Mental Age (Months)		
	Mean	SD		Mean	SD
Q1	38.6	10.1	Q1	40.9	10.9
Q2	41.2	11.9	Q2	47.2	14.8
Q3	42.4	14.0	Q3	48.2	12.5
Q4	46.5	13.8	Q4	49.3	12.4

	Years of Parents' Education			Years of Parents' Education		
	Mean	SD		Mean	SD
Q1	10.2	3.3	Q1	9.9	1.4
Q2	10.4	3.2	Q2	11.3	1.6
Q3	11.7	2.0	Q3	10.5	1.8
Q4	10.3	3.4	Q4	11.4	1.5

*Children from Boston and Phoenix (non-Spanish) only.

TABLE 2

Correlations of the four measures of amount of viewing and of the composite viewing score based upon an equal weighting of all available amount of viewing measures.

	1. Sesame Street Test	2. Posttest Parent Questionnaire	3. Viewing Records	4. TV Logs	5. Composite Viewing Score
1.	.87	.46	.42	.23	.85
2.		.70	.39	.40	.66
3.			.55	.43	.42
4.				.54	.38
5.					.91

NOTE: 1. Underlined diagonals are the multiple regression of the other four measures on the indicated measure. Thus, the score on the Sesame Street test could be effectively predicted by the other four scores (R = .87).

2. Viewing records and TV logs had lower intercorrelations with the other measures. There was a considerable number of cases for whom these records were not kept.

Intercorrelations: Total Scores and Total Gain Scores with Various Viewing Scores (Disadvantaged only)

	1. Sesame Street Test	2. Posttest Parent Questionnaire	3. Viewing Records	4. TV Logs	5. Composite Viewing Score
Pretest Total	.36	.07	.12	.10	.26
Posttest Total	.63	.23	.29	.28	.50
Gain	.46 (N 731)	.24 (N 683)	.25 (N 354)	.25 (N 307)	.40 (N 731)

TABLE 3

Total Test Pretest and Gain Scores of Disadvantaged Children Based on New Viewing Quartiles (Year I Data Revisited)

1. Amount of Viewing based on Composite (Parent Questionnaire, TV Logs and Viewing Records)

	Q1 N=172	Q2 N=172	Q3 N=159	Q4 N=180
Pretest	80.4	84.6	85.3	89.6
Gain	22.8	29.0	37.1	40.5
Percent Gain	28%	34%	44%	45%

2. Amount of Viewing based on Parent Questionnaire Only.

	Q1 N=172	Q2 N=136	Q3 N=204	Q4 N=171
Pretest	83.9	81.6	85.0	88.9
Gain	22.2	30.4	32.2	44.2
Percent Gain	26%	37%	38%	49%

3. Amount of Viewing based on Composite with Sesame Street Test as used in Year I.

	Q1 N=198	Q2 N=197	Q3 N=172	Q4 N=164
Pretest	75.6	84.4	87.7	97.5
Gain	18.6	29.1	37.9	47.4
Percent Gain	25%	35%	43%	48%

TABLE 4

Multivariate Analysis of Total Gain Scores Using Viewing Records Only to Determine Viewing Quartiles

Source of Variance	F	df 1	df 2	P
HSV	1.017	27.0	964.412	.441
HV	.526	27.0	964.412	.978
SV	1.247	27.0	964.412	.181
HS	.423	9.0	330.0	.923
H	1.468	9.0	330.0	.159
S	1.177	9.0	330.0	.309
V	2.587	27.0	964.412	.001*

Univariate Interpretative Data, Test of V

Variable	F	Mean Sq.	P
Body Parts	2.451	68.357	0.063
Letters	12.058	1183.861	0.001*
Forms	1.825	30.757	0.142
Numbers	9.002	667.133	0.001*
Sorting	3.294	11.138	0.021*
Relations	1.889	20.243	0.131
Classification	2.899	70.278	0.035*
Puzzles	1.350	3.748	0.258
Grand Total	10.673	6441.379	0.001*

*Significant at the .05 level.

TABLE 5

Multivariate Analysis of Total Gain Scores using Composite of Parent Questionnaires, Viewing Records, and TV Logs Only to Determine Viewing Quartiles

Source of Variance	F	df 1	df 2	P
HSV	.953	27.0	1925.262	.535
HV	1.199	27.0	1925.262	.220
SV	.662	27.0	1925.262	.907
HS	.984	9.0	659.0	.452
H	4.089	9.0	659.0	.001*
S	1.316	9.0	659.0	.225
V	3.203	27.0	1925.262	.001*

Univariate Interpretative Data, Test of V

Variable	F	Mean Sq.	P
Body Parts	1.522	44.821	0.207
Letters	18.156	1914.611	0.001*
Forms	7.026	111.817	0.001*
Numbers	11.059	884.504	0.001*
Sorting	5.708	19.083	0.001*
Relations	3.377	35.195	0.018
Classification	8.389	198.536	0.001*
Puzzles	0.418	1.176	0.740
Grand Total	17.580	11123.242	0.001*

*Significant at the .05 level.

TABLE 6

Multivariate Analysis of Total Gain Scores using Parent Questionnaires only to Determine Viewing Quartiles

H = Home/School
S = Sex
V = Viewing Quartile

Source of Variance	F	df 1	df 2	P
HSV	1.090	27.0	1925.262	.341
HV	.958	27.0	1925.262	.526
SV	.753	27.0	1925.262	.816
HS	.995	9.0	659.0	.443
H	4.119	9.0	659.0	.001*
S	1.319	9.0	659.0	.223
V	3.564	27.0	1925.262	.001*

Univariate Interpretative Data, Test of V

Variable	F	Mean Sq.	P
Body Parts	1.002	29.656	0.391
Letters	20.346	2122.499	0.001*
Forms	12.679	197.764	0.001*
Numbers	12.990	1033.420	0.001*
Sorting	4.760	16.021	0.003*
Relations	5.035	51.515	0.002*
Classification	11.649	273.686	0.001*
Puzzles	1.949	5.459	0.120
Grand Total	22.021	13703.008	0.001*

*Significant at the .05 level.

TABLE 7

Multivariate Analysis of Total Gain Scores using TV Logs Only to Determine Viewing Quartiles (At-home children only)

S = Sex
V = Viewing Quartile

Source of Variance	F	df 1	df 2	P
SV	.686	27.0	838.830	.884
S	1.577	9.0	287.0	.121
V	1.643	27.0	838.830	.021*

Univariate Interpretative Data, Test of V

Variable	F	Mean Sq.	P
Body Parts	1.032	39.027	0.378
Letters	10.138	1109.107	0.001*
Forms	1.843	35.849	0.139
Numbers	3.024	287.800	0.030*
Sorting	2.670	8.413	0.048*
Relations	1.754	18.279	0.156
Classification	4.076	105.147	0.007*
Puzzles	0.858	2.272	0.463
Grand Total	6.432	5153.406	0.001*

*Significant at the .05 level.

TABLE 8

Pretest Scores and Test Reliabilities for All Groups

Test	Maximum Possible Score	New Study N=283			Spanish N=66			Follow-Up N=283			Total Group N=632
		Mean	SD	Reliability	Mean	SD	Reliability	Mean	SD	Reliability	Reliability
Naming Body Parts	10	7.0	3.0	.87	6.5	2.8	.81	9.1	1.3	.61	.86
Function of Body Parts	8	3.8	2.5	.82	3.5	2.4	.81	6.1	1.8	.79	.85
Body Parts Total	18	10.7	5.0	.90	10.0	4.3	.84	15.2	2.8	.81	.90
Naming Forms	4	1.1	1.3	.74	0.8	1.1	.68	2.5	1.3	.68	.78
Recognizing Forms	4	1.7	1.4	.70	1.6	1.3	.70	3.0	1.2	.72	.76
Forms Total	8	2.8	2.3	.79	2.4	2.0	.72	5.5	2.2	.79	.84
Roles of Comm. Members	4	2.0	1.4	.66	2.1	1.5	.72	3.3	1.0	.49	.70
Matching by Form	9	4.2	2.0	.58	4.0	2.2	.67	5.9	1.6	.53	.65
Matching by Position	3	1.1	0.9	.25	1.1	0.9	.25	1.5	0.9	.21	.26
Recognizing Letters	4	1.4	1.2	.50	1.1	1.0	.37	2.2	1.3	.62	.60
Naming Letters	8	0.6	1.5	.85	0.3	1.0	.73	2.4	2.7	.88	.89
Letter Sounds	4	0.3	0.8	.84	0.1	0.6	.96	0.8	1.3	.84	.85
Initial Sounds	6	0.8	1.2	.64	0.7	1.1	.60	1.2	1.4	.66	.65
Decoding	8	1.3	1.3	.48	1.2	1.3	.55	2.1	1.5	.51	.53
Reading	9	1.2	1.2	.52	1.2	1.0	.26	1.8	1.3	.44	.49
Left-Right	4	1.1	1.1	.46	1.3	1.2	.56	2.0	1.3	.55	.56
Alphabet	26	4.0	6.5	---	2.5	5.0	---	11.4	9.6	---	---
Pre-Reading Total	48	8.9	6.1	.86	7.9	5.3	.83	15.8	8.3	.90	.90
Recognizing Numbers	4	1.0	1.0	.41	1.1	1.1	.46	2.0	1.2	.49	.53
Naming Numbers	6	0.4	1.1	.85	0.2	0.5	.23	1.2	1.7	.82	.83
Enumeration	7	2.4	2.0	.76	1.4	1.7	.67	5.2	1.6	.73	.83
Conservation	7	2.5	1.5	.41	1.0	1.5	.40	3.7	1.3	.31	.44
Counting Strategies	8	3.6	2.5	.83	4.3	2.7	.86	5.7	1.8	.73	.83
Number/Numeral Corres.	3	1.0	0.9	.44	0.8	0.9	.50	1.8	1.0	.48	.55
Addition & Subtraction	13	1.0	1.7	.75	1.1	1.6	.69	3.5	2.3	.74	.79
Counting 1-30	30	5.3	6.9	---	4.4	5.8	---	14.9	9.1	---	---
Numbers Total	54	14.5	7.9	.88	15.2	7.2	.85	26.7	9.0	.91	.93
Relational Terms	17	8.7	3.6	.76	9.5	3.4	.73	13.0	2.8	.73	.81
Classification	15	4.1	3.2	.81	5.1	3.4	.80	9.3	3.9	.86	.89
Double Classification	9	2.4	1.8	.52	2.9	2.0	.61	3.7	1.6	.29	.50
Classification Total	24	6.5	4.4	.82	7.9	4.9	.83	13.1	4.8	.83	.87
Sorting Total	16	4.2	2.8	.71	4.9	3.3	.79	8.4	4.0	.83	.84
Parts of Whole Total	10	3.9	1.8	.44	3.9	2.1	.60	5.8	2.1	.53	.59
Emotions Total	8	3.9	2.5	.80	4.3	2.7	.83	6.3	1.8	.69	.82
*Attitude to School	7	5.3	1.9	.75	4.1	2.1	.69	5.5	1.7	.69	.71
*Attitude to Others	4	2.8	1.1	.47	2.2	1.2	.47	2.8	1.1	.43	.45
*Attitude to Race	6	4.1	2.0	.83	3.1	1.7	.68	4.4	1.6	.68	.74
Peabody Raw Score	--	25.4	13.3	---	22.7	13.7	---	42.6	11.1	---	---
Peabody Mental Age	--	35.9	14.8	---	---	---	---	52.8	15.8	---	---
Chronological Age (Mos.)	--	49.4	9.9	---	46.0	7.8	---	62.4	8.2	---	---
Sesame Street Total	10	0.5	1.0	---	0.6	1.1	---	6.7	3.0	---	---
Grand Total	214	69.7	29.1	.96	71.7	28.4	.96	118.0	32.1	.97	.98

*N's for these subtests are: New Study = 78
Spanish = 24
Follow-Up =204

TABLE 9

Posttest Scores and Test Reliabilities for All Groups

Test	Maximum Possible Score	New Study N=283			Spanish N=66			Follow-Up N=283			Total Group N=632
		Mean	SD	Reliability	Mean	SD	Reliability	Mean	SD	Reliability	Reliability
Naming Body Parts	10	8.4	2.0	.77	7.0	3.1	.87	9.4	1.3	.75	.82
Function of Body Parts	8	5.0	2.3	.81	4.6	2.6	.84	6.9	1.4	.74	.84
Body Parts Total	18	13.4	3.9	.86	11.6	5.0	.90	16.3	2.4	.82	.89
Naming Forms	4	1.7	1.3	.68	1.5	1.2	.66	2.9	1.3	.72	.75
Recognizing Forms	4	2.2	1.3	.71	2.1	1.3	.68	3.3	1.1	.77	.76
Forms Total	8	3.9	2.2	.78	3.6	2.1	.74	6.2	2.2	.83	.84
Roles of Comm. Members	4	2.7	1.2	.59	2.8	1.5	.82	3.7	0.7	.51	.68
Matching by Form	9	4.8	1.8	.52	5.0	1.7	.41	6.7	1.7	.65	.67
Matching by Position	3	1.2	0.9	.13	1.1	0.9	.29	1.8	0.9	.22	.26
Recognizing Letters	4	1.7	1.2	.53	1.7	1.3	.61	2.8	1.3	.65	.65
Naming Letters	8	1.6	2.4	.90	0.9	1.8	.88	4.0	3.2	.92	.93
Letter Sounds	4	0.5	1.1	.83	0.5	1.2	.91	1.6	1.7	.89	.89
Initial Sounds	6	1.1	1.2	.57	0.9	1.4	.73	2.0	2.0	.80	.75
Decoding	8	1.4	1.3	.48	1.5	1.2	.31	3.0	1.9	.72	.67
Reading	9	1.7	1.3	.52	2.0	1.3	.39	3.0	2.1	.77	.71
Left-Right	4	1.6	1.3	.57	1.9	1.3	.54	2.5	1.4	.71	.66
Alphabet	26	9.9	8.3	---	6.7	7.2	---	18.3	9.4	---	----
Pre-Reading Total	48	12.2	8.0	.91	12.0	7.1	.88	22.7	11.1	.94	.94
Recognizing Numbers	4	1.5	1.2	.44	1.3	1.0	.15	2.6	1.2	.59	.59
Naming Numbers	6	1.0	1.5	.81	0.6	1.3	.81	2.4	2.2	.88	.87
Enumeration	7	4.0	2.0	.77	3.5	2.1	.82	6.0	1.3	.70	.82
Conservation	7	3.2	1.5	.32	3.3	1.7	.53	4.4	1.3	.43	.45
Counting Strategies	8	4.6	2.4	.83	4.8	2.6	.85	6.4	1.4	.63	.81
Number/Numeral Corres.	3	1.3	1.0	.43	1.3	0.9	.19	2.2	0.9	.57	.57
Addition & Subtraction	13	2.1	2.3	.80	2.3	2.7	.84	5.5	2.9	.82	.86
Counting 1-30	30	11.9	8.0	---	8.2	6.9	---	20.8	9.3	---	---
Numbers Total	54	20.6	8.9	.90	19.8	9.0	.90	34.0	9.4	.92	.94
Relational Terms	17	10.8	3.3	.72	11.3	3.5	.78	14.3	2.3	.71	.80
Classification	15	4.9	3.1	.77	6.7	3.9	.85	11.0	3.7	.87	.90
Double Classification	9	2.7	1.6	.30	3.7	2.1	.60	4.8	2.0	.57	.59
Classification Total	24	7.7	3.9	.73	10.4	5.3	.85	15.8	5.1	.86	.89
Sorting Total	16	5.1	3.1	.72	6.1	3.4	.77	10.1	4.3	.87	.87
Parts of Whole Total	10	4.7	2.0	.51	4.8	1.8	.35	7.0	2.2	.66	.67
Emotions Total	8	5.2	2.7	.85	5.5	2.6	.86	6.4	1.6	.63	.81
*Attitude to School	7	5.9	1.5	.71	5.2	2.2	.83	6.1	1.4	.70	.74
*Attitude to Others	4	2.9	1.0	.43	2.6	1.2	.63	3.2	1.0	.55	.52
*Attitude to Race	6	4.6	1.6	.73	4.1	2.0	.81	5.0	1.3	.63	.72
Peabody Raw Score	--	30.2	11.9	---	31.5	14.3	---	50.2	9.8	---	---
Peabody Mental Age	--	39.1	12.4	---	---	---	---	64.2	16.9	---	---
Chronological Age (Mos.)	--	56.4	9.9	---	53.0	7.8	---	69.4	8.2	---	---
Sesame Street Test	10	3.6	3.5	---	4.8	3.6	---	7.7	2.6	---	---
Grand Total	214	90.4	31.2	.97	92.0	31.5	.96	142.0	34.9	.98	.98

*N's for these subtests are: New Study = 156
Spanish = 41
Follow-Up = 189

TABLE 10

Intercorrelations of Pretest (Below the Diagonal) and Posttest (Above the Diagonal) Scores of the New Study Children

	1. Naming Body Parts	2. Function of Body Parts	3. Body Parts Total	4. Naming Forms	5. Recognizing Forms	6. Forms Total	7. Roles of Comm. Members	8. Matching by Form	9. Matching by Position	10. Recognizing Letters	11. Naming Letters	12. Letter Sounds	13. Initial Sounds	14. Lecoding	15. Reading	16. Left-Right	17. Alphabet	18. Pre-reading Total	19. Recognizing Numbers	20. Naming Numbers	21. Enumeration	22. Conservation	23. Counting Strategies	24. Number/Numeral Corres.	25. Addition & Subtraction	26. Counting 1-30	27. Numbers Total	28. Relational Terms	29. Classification	30. Double Classification	31. Classification Total	32. Sorting Total	33. Parts of Whole Total	34. Emotions Total	35. Attitude to School	36. Attitude to Others	37. Attitude to Race	38. Peabody Raw Score	39. Peabody Mental Age	41. Fenema Street Test	42. Grand Total
1.		.59	.88	.42	.32	.42	.50	.29	.14	.24	.25	.18	.17	.17	.33	.22	.31	.31	.26	.19	.53	.22	.51	.18	.37	.48	.49	.57	.37	.11	.24	.38	.27	.39	.18	.19	.14	.31	.28	.30	.59
2.	.62		.91	.47	.33	.46	.53	.35	.13	.32	.36	.29	.21	.15	.34	.31	.35	.40	.29	.28	.46	.31	.38	.29	.42	.57	.52	.55	.40	.19	.40	.44	.34	.36	.11	.11	.04	.38	.36	.28	.65
3.	.92	.88		.50	.36	.49	.58	.36	.15	.32	.34	.27	.21	.18	.38	.30	.37	.40	.31	.27	.56	.30	.49	.26	.45	.56	.57	.63	.43	.17	.41	.46	.34	.42	.16	.17	.10	.39	.36	.32	.70
4.	.38	.37	.42		.52	.87	.45	.43	.25	.42	.55	.49	.38	.37	.45	.41	.45	.62	.46	.51	.45	.35	.38	.43	.56	.55	.64	.56	.48	.24	.47	.56	.35	.45	.34	.23	.22	.32	.33	.45	.74
5.	.29	.31	.33	.41		.88	.23	.26	.09	.21	.26	.28	.23	.26	.23	.28	.30	.35	.27	.24	.30	.18	.25	.73	.37	.41	.38	.29	.34	.23	.37	.44	.32	.23	.11	.03	.09	.24	.24	.24	.49
6.	.39	.41	.44	.82	.86		.39	.39	.19	.36	.46	.44	.35	.36	.39	.39	.43	.55	.42	.43	.43	.31	.36	.38	.53	.55	.59	.48	.47	.27	.48	.58	.38	.39	.25	.14	.18	.32	.33	.40	.70
7.	.49	.54	.57	.38	.33	.42		.29	.18	.34	.40	.27	.21	.23	.34	.38	.31	.43	.34	.31	.40	.24	.40	.24	.34	.39	.48	.54	.33	.14	.32	.36	.21	.35	.15	.14	.11	.35	.31	.35	.59
8.	.42	.50	.51	.30	.24	.32	.45		.24	.40	.43	.34	.28	.22	.35	.36	.46	.56	.44	.34	.44	.22	.30	.40	.45	.52	.59	.45	.42	.21	.41	.45	.35	.30	.14	.01	.02	.47	.49	.25	.61
9.	.17	.24	.22	.17	.13	.18	.21	.40		.21	.25	.27	.24	.19	.20	.18	.20	.30	.18	.10	.27	.20	.16	.32	.32	.29	.33	.26	.32	.12	.30	.29	.26	.21	.17	.13	.04	.17	.18	.21	.38
10.	.26	.30	.30	.31	.25	.33	.30	.33	.14		.63	.43	.37	.29	.47	.43	.31	.71	.55	.56	.38	.23	.24	.37	.47	.41	.57	.42	.27	.11	.26	.32	.23	.27	.09	.05	.03	.32	.33	.26	.59
11.	.23	.27	.28	.41	.23	.38	.29	.34	.10	.48		.72	.51	.42	.56	.52	.39	.87	.61	.76	.39	.27	.27	.41	.56	.50	.66	.43	.35	.13	.30	.39	.26	.33	.20	.08	.06	.35	.37	.38	.69
12.	.18	.21	.22	.35	.17	.30	.22	.20	.04	.39	.72		.61	.48	.46	.43	.27	.78	.47	.60	.34	.34	.28	.41	.55	.40	.61	.37	.37	.19	.37	.35	.32	.28	.21	.10	.08	.23	.26	.36	.63
13.	.21	.27	.26	.30	.14	.26	.16	.19	.11	.24	.27	.26		.44	.46	.43	.22	.71	.38	.49	.29	.30	.29	.37	.48	.28	.52	.36	.36	.16	.35	.28	.24	.25	.17	.12	.01	.07	.10	.33	.55
14.	.24	.32	.31	.26	.17	.25	.28	.31	.02	.27	.30	.24	.38		.46	.36	.16	.63	.31	.45	.30	.25	.31	.26	.35	.24	.46	.33	.30	.22	.32	.28	.23	.18	.17	.06	.05	.07	.10	.29	.50
15.	.24	.28	.29	.19	.13	.19	.27	.34	.03	.32	.40	.32	.28	.42		.39	.33	.72	.40	.55	.41	.27	.30	.29	.57	.43	.58	.44	.36	.14	.34	.34	.27	.29	.06	.01	.03	.33	.36	.25	.62
16.	.25	.28	.29	.21	.19	.23	.25	.27	.16	.33	.26	.21	.17	.22	.27		.33	.68	.45	.48	.38	.30	.41	.34	.38	.33	.56	.47	.35	.16	.34	.30	.22	.33	.08	-.01	.00	.27	.27	.40	.64
17.	.22	.28	.28	.19	.18	.22	.28	.28	.11	.35	.40	.21	.22	.22	.23	.20		.43	.45	.31	.43	.22	.29	.28	.44	.56	.53	.43	.46	.19	.44	.46	.33	.27	.05	-.12	-.05	.45	.45	.25	.56
18.	.40	.48	.48	.45	.30	.45	.43	.59	.19	.65	.76	.63	.55	.64	.68	.52	.43		.64	.61	.49	.25	.30	.47	.52	.49	.71	.47	.41	.21	.41	.42	.32	.30	.03	.04	-.05	.40	.24	.33	.66
19.	.23	.30	.29	.25	.21	.27	.28	.29	.08	.38	.36	.35	.16	.32	.36	.22	.27	.49		.61	.49	.25	.30	.47	.52	.49	.65	.41	.31	.08	.28	.34	.17	.31	.23	.07	.08	.25	.29	.39	.61
20.	.16	.21	.21	.39	.13	.30	.19	.21	.01	.33	.61	.64	.37	.27	.31	.17	.27	.57	.35		.36	.27	.21	.41	.50	.44	.65	.41	.31	.08	.28	.34	.17	.40	.45	.34	.42	.21	.15	.03	.45	.42	.27	.73
21.	.38	.37	.42	.36	.27	.37	.36	.36	.23	.29	.38	.29	.33	.26	.21	.32	.42	.48	.26	.37		.31	.56	.46	.64	.65	.82	.67	.43	.17	.40	.45	.34	.32	.19	.21	.09	.02	.09	.12	.27	.47
22.	.24	.25	.27	.12	.08	.12	.23	.37	.17	.23	.24	.19	.18	.28	.23	.18	.19	.37	.33	.19	.31		.20	.27	.34	.28	.50	.33	.33	.21	.34	.34	.34	.32	.19	.21	.09	.02	.09	.12	.27	.47
23.	.39	.37	.43	.24	.25	.29	.33	.30	.13	.21	.26	.16	.27	.26	.25	.38	.36	.41	.27	.23	.58	.29		.25	.39	.44	.64	.57	.35	.15	.33	.40	.27	.33	.17	.11	.04	.22	.21	.40	.60
24.	.28	.33	.34	.31	.24	.32	.28	.31	.20	.24	.36	.27	.28	.32	.23	.24	.27	.45	.31	.34	.45	.35	.35		.45	.38	.62	.46	.32	.22	.34	.40	.27	.26	.18	.09	.03	.51	.54	.25	.77
25.	.35	.42	.43	.31	.24	.32	.37	.37	.19	.36	.41	.36	.38	.33	.32	.29	.44	.56	.39	.46	.67	.35	.44	.43		.62	.82	.56	.56	.28	.56	.60	.45	.47	.23	.14	.06	.49	.50	.43	.92
26.	.35	.41	.42	.33	.25	.34	.36	.29	.17	.32	.37	.32	.39	.28	.24	.29	.49	.49	.31	.35	.63	.24	.44	.32	.55		.72	.58	.51	.20	.48	.55	.40	.36	.11	.08	.03	.51	.54	.29	.74
27.	.45	.50	.53	.41	.30	.42	.45	.54	.26	.43	.52	.42	.41	.42	.39	.40	.50	.69	.54	.54	.80	.59	.73	.63	.80	.62		.74	.57	.27	.56	.60	.45	.47	.23	.14	.06	.49	.50	.43	.92
28.	.52	.56	.60	.38	.33	.42	.52	.56	.27	.31	.30	.24	.32	.38	.36	.29	.28	.55	.32	.30	.55	.38	.43	.42	.50	.45	.64		.51	.25	.51	.57	.35	.51	.22	.05	.09	.42	.41	.40	.81
29.	.39	.46	.47	.35	.27	.36	.43	.50	.22	.42	.38	.30	.36	.50	.33	.39	.34	.63	.40	.33	.44	.46	.42	.41	.56	.43	.65	.59		.33	.93	.60	.55	.37	.08	.01	-.04	.45	.48	.35	.70
30.	.24	.33	.31	.17	.18	.21	.34	.38	.14	.30	.26	.22	.20	.44	.29	.22	.23	.46	.32	.26	.32	.42	.32	.33	.42	.28	.49	.42	.53		.66	.30	.29	.11	.15	.09	.05	.08	.13	.13	.36
31.	.38	.47	.47	.32	.27	.35	.45	.51	.21	.43	.38	.31	.34	.54	.36	.37	.34	.64	.42	.35	.45	.50	.43	.43	.55	.42	.67	.60	.94	.80		.60	.56	.34	.13	.04	-.01	.39	.43	.32	.70
32.	.32	.35	.37	.29	.22	.30	.38	.44	.19	.40	.32	.20	.19	.35	.31	.23	.27	.49	.32	.30	.35	.42	.27	.22	.41	.28	.53	.52	.61	.49	.64		.50	.36	.20	.11	.14	.36	.39	.41	.72
33.	.22	.27	.27	.18	.12	.18	.24	.28	.19	.27	.19	.14	.24	.32	.25	.24	.28	.39	.23	.12	.31	.29	.29	.22	.33	.29	.39	.33	.36	.34	.40	.34		.27	.19	.09	.05	.29	.32	.18	.56
34.	.30	.26	.32	.16	.09	.15	.28	.33	.19	.13	.20	.08	.17	.16	.20	.25	.26	.30	.13	.07	.32	.24	.30	.24	.28	.26	.36	.30	.35	.23	.34	.21	.23		.45	.21	.23	.35	.33	.38	.58
35.	.33	.14	.26	.14	.08	.13	.19	.13	.01	.06	.12	.02	.15	.06	-.01	.01	.19	.11	.16	.09	.29	.19	.22	.30	.19	.14	.30	.23	.12	.06	.11	.09	.08	.26		.50	.52	-.07	-.03	.20	.27
36.	.17	.07	.13	.01	.10	.07	.15	.05	-.01	-.02	.01	.01	.02	.03	.06	-.02	-.07	.03	.07	.03	.16	.20	.17	.08	.10	.01	.17	.13	.25	.00	.10	.16	-.08	.11	.63			.56	-.09	-.10	.13	.14
37.	.10	.01	.06	-.06	-.07	-.08	.13	.06	-.04	-.07	.04	.02	-.22	-.06	-.02	-.16	-.05	-.08	.12	.05	.03	.27	.09	.07	.53	.40	.62	.57	.58	.43	.59	.45	.29	.38	.21	.15	.09		.96	.13	.52
38.	.42	.49	.50	.31	.22	.31	.47	.51	.24	.36	.36	.25	.21	.27	.33	.27	.35	.50	.37	.28	.46	.35	.43	.39	.55	.39	.62	.53	.60	.46	.62	.47	.35	.34	.17	.13	.07	.95		.14	.53
39.	.35	.45	.44	.32	.20	.31	.41	.46	.21	.34	.38	.29	.25	.33	.35	.26	.36	.53	.36	.32	.43	.39	.39	.37	.55	.39	.62	.53	.60	.46	.62	.47	.35	.34	.17	.13	.07	.95			.50
41.	-.01	.00	-.01	-.06	.01	-.03	-.05	.10	-.01	.04	.01	.02	.00	.05	.03	.16	.05	.07	.06	-.03	-.02	.15	.08	-.02	.02	.01	.06	.02	.08	.07	.08	.02	.05	.14	-.15	-.12	-.03	.08	.04		
42.	.63	.69	.73	.52	.41	.55	.62	.67	.33	.53	.56	.43	.45	.54	.49	.46	.47	.82	.51	.47	.68	.52	.60	.55	.70	.59	.88	.79	.79	.60	.82	.67	.50	.47	.25	.14	.03	.69	.68	.06	

TABLE 11

Intercorrelations of Pretest (Below the Diagonal) and Posttest (Above the Diagonal) Scores of the Follow-up Group

	1. Naming Body Parts	2. Function of Body Parts	3. Body Parts Total	4. Naming Forms	5. Recognizing Forms	6. Forms Total	7. Rules of Comb. Numbers	8. Matching by Form	9. Matching by Position	10. Recognizing Letters	11. Naming Letters	12. Letter Sounds	13. Initial Sounds	14. Decoding	15. Reading	16. Left-Right	17. Alphabet	18. Pre-reading Total	19. Recognizing Numbers	20. Naming Numbers	21. Enumeration	22. Conservation	23. Counting Strategies	24. Number/Numeral Concept	25. Addition & Subtraction	26. Counting 1-30	27. Numbers Total	28. Relational Terms	29. Classification	30. Double Classification	31. Classification Total	32. Sorting Total	33. Parts of Whole Total	34. Emotions Total	35. Attitude to School	36. Attitude to Others	37. Attitude to Read	38. Peabody Raw Score	39. Peabody Mental Age	40. Gesell Street Test	41. Grand Total
1. Naming Body Parts		.62	.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
2. Function of Body Parts	.62		.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
3. Body Parts Total	.89	.89		.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
4. Naming Forms	.39	.39	.39		.62	.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
5. Recognizing Forms	.39	.39	.39	.62		.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
6. Forms Total	.49	.49	.49	.89	.89		.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
7. Rules of Comb. Numbers	.31	.31	.31	.31	.31	.31		.62	.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
8. Matching by Form	.31	.31	.31	.31	.31	.31	.62		.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
9. Matching by Position	.31	.31	.31	.31	.31	.31	.89	.89		.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
10. Recognizing Letters	.31	.31	.31	.31	.31	.31	.39	.39	.39		.62	.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
11. Naming Letters	.31	.31	.31	.31	.31	.31	.39	.39	.39	.62		.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
12. Letter Sounds	.31	.31	.31	.31	.31	.31	.49	.49	.49	.89	.89		.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
13. Initial Sounds	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31		.62	.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
14. Decoding	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.62		.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
15. Reading	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89		.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
16. Left-Right	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.39	.39	.39		.62	.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
17. Alphabet	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.39	.39	.39	.62		.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
18. Pre-reading Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.49	.49	.49	.89	.89		.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
19. Recognizing Numbers	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31		.62	.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
20. Naming Numbers	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.62		.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
21. Enumeration	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89		.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
22. Conservation	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.39	.39	.39		.62	.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
23. Counting Strategies	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.39	.39	.39	.62		.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
24. Number/Numeral Concept	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.49	.49	.49	.89	.89		.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
25. Addition & Subtraction	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31		.62	.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
26. Counting 1-30	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89		.39	.39	.49	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
27. Numbers Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89		.62	.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
28. Relational Terms	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.39	.39	.39	.62		.89	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
29. Classification	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.49	.49	.49	.89	.89		.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
30. Double Classification	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31		.62	.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31
31. Classification Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89		.89	.39	.39	.49	.31	.31	.31	.31	.31	.31	.31
32. Sorting Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89		.39	.39	.49	.31	.31	.31	.31	.31	.31	.31
33. Parts of Whole Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89		.39	.49	.31	.31	.31	.31	.31	.31	.31
34. Emotions Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89		.49	.31	.31	.31	.31	.31	.31	.31
35. Attitude to School	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89		.31	.31	.31	.31	.31	.31	.31
36. Attitude to Others	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89		.31	.31	.31	.31	.31	.31
37. Attitude to Read	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89	.89		.31	.31	.31	.31	.31
38. Peabody Raw Score	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89	.89	.89		.31	.31	.31	.31
39. Peabody Mental Age	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89	.89	.89	.89		.31	.31	.31
40. Gesell Street Test	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89		.31	.31
41. Grand Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89		.31
42. Grand Total	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	.89	

TABLE 12

Descriptive Categorization of the Children for Whom Complete and Acceptable Pretest and Posttest Data were Obtained

	Follow-up Total (Boston, Durham, Phoenix) N = 283	Boston N = 106	Durham N = 103	Phoenix N = 74	New Study Total (LA non-Spanish & Winston-Salem) N = 283	Los Angeles (non-Spanish) N = 210	Winston-Salem N = 73	Spanish N = 66
Sex:								
Male	55.1%	46.2%	55.3%	67.6%	45.2%	46.7%	41.1%	45.5%
Female	44.9	53.8	44.7	32.4	54.8	53.3	58.9	54.5
Location:								
At home	44.2	18.9	49.5	55.4	100.0	100.0	100.0	100.0
In School	53.8	81.1	50.5	44.6	0.0	0.0	0.0	0.0
Predominant Language in Home:								
English	90.1	97.2	100.0	66.2	100.0	100.0	100.0	44.6
Spanish	3.2	0.0	0.0	12.2	0.0	0.0	0.0	24.6
English & Spanish	6.7	2.8	0.0	21.6	0.0	0.0	0.0	30.8
Viewing Status:								
Encouraged	74.9	64.2	78.6	85.1	45.9	44.3	50.7	61.5
Not Encouraged	25.1	35.9	21.4	14.9	54.1	55.7	49.3	38.5
Year I Observation:								
Observed	50.2	46.2	48.5	58.1	N.A.	N.A.	N.A.	N.A.
Not Observed	49.8	53.8	51.5	41.9				
Population Group:								
Black	65.0	51.9	89.3	50.0	89.1	96.2	68.5	0.0
White	25.4	46.2	10.7	16.2	10.3	2.9	31.5	0.0
Spanish	9.2	0.9	0.0	33.8	0.0	0.0	0.0	100.0
Other	0.4	0.9	0.0	0.0	.7	1.0	0.0	0.0

Age in Months at Pretest								
34-35	0.0	0.0	0.0	0.0	3.2	3.8	1.4	6.2
36-37	0.0	0.0	0.0	0.0	9.2	11.4	2.7	10.8
38-39	0.0	0.0	0.0	0.0	6.7	8.1	2.7	12.3
40-41	0.0	0.0	0.0	0.0	9.1	8.6	11.0	6.2
42-43	0.0	0.0	0.0	0.0	5.3	6.2	2.7	9.2
44-45	.4	.9	0.0	0.0	8.1	9.5	4.1	3.1
46-47	2.8	3.8	3.9	0.0	8.1	9.5	4.1	7.7
48-49	2.8	5.7	1.9	0.0	5.7	5.2	6.9	7.7
50-51	5.3	9.4	4.9	0.0	3.9	3.8	4.1	7.7
52-53	3.2	2.8	3.9	2.7	5.0	5.7	2.7	12.3
54-55	4.2	8.5	2.9	0.0	5.0	5.2	4.1	7.7
56-57	7.1	10.4	1.9	9.5	9.2	9.1	9.6	4.6
58-59	9.9	10.4	7.8	12.2	5.3	6.2	2.7	3.1
60-61	8.8	9.4	9.7	6.8	3.2	1.9	6.9	0.0
62-63	8.5	5.7	8.7	12.2	2.8	1.0	8.2	0.0
64-65	7.4	5.7	8.7	8.1	3.5	1.9	8.2	0.0
66-67	8.1	4.7	51.8	16.2	1.4	1.9	0.0	0.0
68-69	10.6	4.7	10.7	18.9	1.8	1.0	4.1	0.0
70-71	8.5	6.6	7.8	12.2	2.1	0.0	8.2	1.5
72-73	5.0	5.7	6.8	1.4	1.1	0.0	4.1	0.0
74-75	2.1	2.8	2.9	0.0	.4	0.0	1.4	0.0
76-77	2.1	0.0	5.8	0.0	0.0	0.0	0.0	0.0
78-79	.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0
80-81	1.4	.9	2.9	0.0	0.0	0.0	0.0	0.0

TABLE 13

The Percent of Time Each Goal was Observed in Sesame Street

Year I (130 Shows)

Year II (145 Shows)

Goal	Number of Times Goal Observed in Year II	Percent of Time Goal Observed *Year I	Year II	Total for Combined Goals (in Percent)
LETTERS (General)	16	.8%	.1%	
Recognizing Letters	454	.4	2.7	
Labeling Letters	354	4.9	2.1	Year I: 13.9%
Letter Sounds	154	---	.9	
Sustaining Consonants	25	---	.2	
Sounds of Letters	288	5.5	1.7	Year II: 14.0
Initial Sounds of Words	646	---	3.9	
Alphabet	405	2.3	2.4	
WORDS (General)	39	---	.2	
Number of Words in Sentence	4	---	.0	Year I: 0
Letters in Words	3	---	.0	
Words in Sentences	10	---	.1	
Decoding	427	---	2.6	Year II: 4.8
Word Recognition	317	---	1.9	
NUMBERS (General)		.4		
Recognizing Numbers	258	.0	1.5	
Labeling Numbers	138	1.9	.8	
Reciting Numbers 1-10	435	5.4	2.6	
Reciting Numbers 11-20	115	---	.7	
Reciting Numbers within 1-20	115	---	.7	Year I: 9,9
Defining Subsets	354	2.2	2.1	
Last Number is Total	22	---	.1	
Counting Strategies	85	---	.5	Year II: 10.9
Equality	23	---	.1	
Conservation	85	---	.5	
Numeral Correspondence	25	---	.2	
Addition & Subtraction	182	---	1.1	
GEOMETRIC FORMS (General)	13	1.1	.1	Year I: 2.5
Matching Forms	42	---	.3	
Recognizing Forms	134	.9	.8	
Labeling Forms	153	.5	1.0	Year II: 2.2

*Year I goals not repeated in Year II are not reported here.

TABLE 13

Goal	Number of Times Goal Observed in Year II	Percent of Time Goal Observed		Total for Combined Goals (in Percent)	
		Year I	Year II		
PERCEPTUAL DISCRIMINATION					
Visual Discrimination	11	.8%	.1%		
Matching Objects	102	---	.6		
Embedded Figures	77	.5	.5	Year I:	4.6%
Part/Whole Relationships	201	.4	1.2		
Auditory Discrimination	27	1.0	.2		
Sound Identification	219	---	1.3		
Rhythms	106	---	.6	Year II:	5.2
Rhyming Words	106	.5	.6		
Discrimination of Objects	22	---	.1		
RELATIONAL TERMS					
Same/Different	56	.4	.3		
Size	158	1.5	.9	Year I:	4.9
Quantity	143	.6	.9		
Position	371	1.5	2.2		
Distance	37	.4	.2	Year II:	4.8
Time	56	.5	.3		
SORTING (General)	7	.2	.0		
Size	29	.3	.2	Year I:	1.9
Form	58	.5	.3		
Function	66	.5	.4		
Class	19	.4	.1	Year II:	1.2
Quantity	27	.0	.2		
CLASSIFYING (General)	12	.0	.1		
Size	30	.1	.2		
Form	42	.1	.3	Year I:	.7
Function	112	.3	.7		
Class	17	.1	.1		
Quantity	45	.0	.3	Year II:	2.6
Property Identification	63	---	.4		
Multiple Classification	33	---	.2		
Regrouping	42	---	.3		
REASONING & PROBLEM SOLVING	113	3.1	.7		
Inferences	61	.0	.4	Year I:	8.6
Antecedent Events	260	.9	1.6		
Consequent Events	215	1.0	1.3		
Generating Solutions	139	---	.8	Year II:	4.8
Evaluating Solutions	6	2.9	.0		

TABLE 13

Goal	Number of Times Goal Observed in Year II	Percent of Time Goal Observed		Total for Combined Goals (in Percent)
		Year I	Year II	
SELF				Year I: 7.3
Mind & Its Powers	237	---	1.4	
Body Parts	342	4.0	2.1	
Kinesthetic Participation	27	.3	.2	
Emotions	587	3.0	3.5	Year II: 7.2
SOCIAL UNITS				
Roles & Functions	379	.2	2.3	Year I: 3.1
Groups & Institutions	19	.7	.1	
Family & Home	45	1.5	.3	
Neighborhood	74	.7	.4	Year II: 3.2
City or Town	16	---	.1	
SOCIAL INTERACTIONS (General)	41	.7	.2	
Differing Perspectives	311	.6	1.9	Year I: 2.7
Cooperation	297	1.4	1.8	
Division of Labor	28	---	.2	
Combining Skills	9	---	.1	
Reciprocity	22	---	.1	Year II: 4.8
Conflict Resolution	82	---	.5	
MAN MADE ENVIRONMENT	33	.4	.2	Year I: 2.5
Machines & Tools	218	1.7	1.3	
Buildings & Structures	214	.4	1.3	Year II: 2.8
NATURAL ENVIRONMENT				Year I: 10.9
Land, Sky & Water	128	.9	.8	
City & Country	22	.3	.1	
Plants & Animals	827	8.9	5.0	
Natural Processes	132	.7	.8	Year II: 6.7
Entertainment	3349	19.9	20.1	
Limbo	104	1.4	.6	
Other Educational Goals	515	4.9	3.1	
Spanish Vocabulary	183	---	1.1	
Total	16,663		100.0	

TABLE 14

Treatment Composition of Some Goals* - Year II

Goal	Percentage	Treatment**
Recognizing Letters	42.5%	Animation
	20.9	People
	16.1	Muppets
	9.3	People & Muppets
Labeling Letters	63.6	Animation
	20.9	Muppets
	6.2	People & Muppets
	5.1	People
Sounds of Letters	69.8	Animation
	14.6	Muppets
	5.6	People & Muppets
Initial Sounds of Words	58.7	Animation
	20.3	Muppets
	7.1	People
	6.5	Film
	5.9	People & Muppets
Alphabet	23.7	People
	21.0	Muppets
	15.1	Song on set by People
	14.8	Animation
	7.4	Song on set by Muppets
	6.2	People & Muppets
Decoding	56.7	Muppets
	12.6	People
	10.3	Song on set by Muppets
	7.3	Animation
	5.4	People & Muppets
Word Recognition	63.1	Muppets
	12.0	People & Muppets
	11.7	Animation
	6.3	People
Recognizing Numbers	46.1	Animation
	19.4	People
	16.3	Muppets
	6.6	Film & Song
Reciting Numbers 1-10	57.9	Animation
	16.6	Muppets
	10.1	People

*Only goals treated more than 1% of the total time are included.
**Only treatments which comprised more than 5% of each goal are included.

TABLE 14

Goal	Percentage	Treatment
Defining Subsets	22.3%	Muppets
	20.9	People
	18.1	Animation
	9.6	People & Muppets
	7.1	Film of People
	6.6	Film & Song, People
Addition and Subtraction	27.5	Animation
	24.7	Muppets
	15.9	People
	13.2	People & Muppets
	9.9	Song on set by Muppets
Labeling Forms	34.4	Muppets
	16.0	People
	14.1	Song on set by Muppets
	11.0	Animation
	9.2	People & Muppets
	6.1	Song on set by People
Part/Whole Relationships	28.9	Animation
	18.9	People
	11.9	Muppets
	9.5	Film
	8.0	Film of People
	8.0	Film & Song
Sound Identification	61.2	Muppets
	14.2	People
	5.9	Film of Animals
	5.5	People & Muppets
Positional Relational Terms	42.6	Muppets
	15.1	Film of People
	14.8	People & Muppets
	10.0	People
	7.3	Song on set by Muppets
Spanish Vocabulary	55.2	People
	21.3	People & Muppets
	15.8	Song on set by People
	5.5	Muppets
Antecedent Events	67.3	Muppets
	16.5	People & Muppets
	15.0	People

TABLE 14

Goal	Percentage	Treatment
Consequent Events	44.7%	Muppets
	28.8	People & Muppets
	11.6	People
	5.6	Photographs or drawings, People
Mind and its Powers	40.1	Muppets
	21.5	People & Muppets
	16.0	People
	14.8	Animation
Body Parts	32.7	Muppets
	19.9	Film of People
	13.2	Song on set by People
	10.5	Film & Song, People
	5.8	People
Emotions	47.4	Muppets
	16.9	People & Muppets
	11.8	Song on set by Muppets
	7.3	People
	6.5	Song on set by People
Roles and Functions of Community Members	23.7	People & Muppets
	17.4	Film of People
	14.5	Muppets
	10.0	Song on set by People & Muppets
	5.8	People
Differing Perspectives	37.9	Muppets
	24.4	People
	14.8	People & Muppets
	12.9	Film of People
Cooperation	59.6	People
	15.8	Muppets
	14.5	People & Muppets
	5.1	Film of People
Machines and Tools	49.5	Film
	14.7	Film of People
	9.2	People
	6.9	Muppets
	5.0	Film & Song
Buildings and Structures	33.6	Film of People
	31.8	Film
	15.0	People & Muppets
	5.1	Film & Song

TABLE 14

Goal	Percentage	Treatment
Plants and Animals	44.6%	Film of Animals
	11.1	Film & Song
	9.6	Film
	5.8	Film of People
Entertainment	34.2	Muppets
	18.5	People & Muppets
	12.6	People
	8.4	Film & Song, People
	7.6	Song on set by Muppets
	5.5	Animation
Other Educational Goals	19.4	People
	16.5	Film of People
	13.0	Film
	10.7	Muppets
	7.8	Song on set by Muppets
	6.4	Song on set by People
	5.0	People & Muppets

TABLE 15

Goal Composition of Some Treatments

Treatment: People (14.7% of total)

Goal*	Percent	Goal*	Percent
Entertainment	17.3%	Part/Whole Relationships	1.6%
Cooperation	7.2	Function-Classification	1.6
Other Educationl Goals	4.1	Antecedent Events	1.6
Spanish Vocabulary	4.1	Mind & Its Powers	1.6
Alphabet Recitation	3.9	Positional Relational Concepts	1.5
Recognizing Letters	3.9	Conflict Resolution	1.5
Differing Perspectives	3.1	Sound Identification	1.3
Enumeration Counting	3.0	Addition & Subtraction	1.2
Decoding	2.2	Labeling Forms	1.1
Counting to 20	2.2	Reasoning & Problem-Solving	1.1
Recognizing Numbers	2.0	Plants & Animals	1.1
Rhythms	2.0	Division of Labor	1.1
Initial Sounds of Words	1.9	Limbo	1.0
Reciting Numbers 1-10	1.8	Matching Objects	1.0
Reciting Numbers within 1-20	1.8	Rhyming Words	1.0
Emotions	1.8	Consequent Events	1.0

Treatment: Muppets (28.4% of total)

Entertainment	24.3	Mind & Its Powers	2.0
Emotions	5.9	Alphabet Recitation	1.8
Decoding	5.1	Enumeration Counting	1.7
Word Recognition	4.2	Recognizing Letters	1.5
Antecedent Events	3.7	Reciting Numbers within 1-20	1.5
Positional Relational Concepts	3.3	Size	1.4
Initial Sounds of Words	2.8	Labeling Forms	1.2
Sound Identification	2.8	Family & Community	1.2
Differing Perspectives	2.5	Other Educational Goals	1.2
Body Parts & Functions	2.4	Reasoning & Problem-Solving	1.1
Quantity	2.2	Generating Explanations	1.1
Consequent Events	2.0	Addition & Subtraction	1.0
		Cooperation	1.0

Treatment: Animation (13.9% of total)

Initial Sounds of Words	16.3	Letter Sounds	3.6
Reciting Numbers within 1-20	10.9	Enumeration Counting	2.8
Labeling Letters	9.7	Alphabet Recitation	2.6
Initial Sounds of Letters	8.7	Part/Whole Relationships	2.5
Recognizing Letters	8.3	Addition & Subtraction	2.2
Entertainment	7.9	Word Recognition	1.6
Recognizing Numbers	5.1	Mind & Its Powers	1.5
Labeling Numbers	4.1	Decoding	1.3
		Reciting Numbers within 1-20	1.3

*Goals and treatments treated less than 1% of the time are not included.

TABLE 15

Treatment: People & Muppets (12.6% of total)

Goal	Percent	Goal	Percent
Entertainment	29.5	Enumeration Counting	1.6
Emotions	4.7	Reasoning & Problem-Solving	1.5
Family & Community	4.3	Buildings & Structures	1.5
Consequent Events	2.9	Matching Objects	1.4
Generating Explanations	2.9	Size-Relational Concepts	1.4
Rhyming Words	2.8	Alphabet Recitation	1.2
Positional Relational Concepts	2.6	Other Educational Goals	1.2
Mind & Its Powers	2.4	Decoding	1.1
Differing Perspectives	2.2	Addition & Subtraction	1.1
Recognizing Letters	2.0	Labeling Letters	1.0
Antecedent Events	2.0	Recognizing Forms	1.0
Cooperation	2.0	Function-Sorting	1.0
Spanish Vocabulary	1.9	Function-Classification	1.0
Initial Sounds of Words	1.8	Inferences	1.0
Word Recognition	1.8	Plants & Animals	1.0

Treatment: Film (3.7% of total)

Machines & Tools	17.7	Recognizing Letters	2.6
Plants & Animals	12.9	Family & Community	2.6
Buildings & Structures	11.1	Positional Relational Concepts	2.0
Other Educational Goals	11.0	Body Parts & Functions	2.0
Land, Sky & Water	8.7	Entertainment	1.6
Recognizing Forms	5.7	Differing Perspectives	1.5
Natural Processes	4.3	Man-made Environment	1.1
Alphabet Recitation	3.3	Labeling Forms	1.0
Part/Whole Relationships	3.1		

Treatment: Film of People (5.3% of total)

Other Educational Goals	9.6	Enumeration Counting	2.8
Buildings & Structures	8.1	Family & Home	2.8
Body Parts & Functions	7.7	Emotions	2.3
Family & Community	7.4	Natural Processes	1.9
Positional Relational Concepts	6.3	Part/Whole Relationships	1.8
Plants & Animals	5.4	Rhythms	1.8
Differing Perspectives	4.5	Cooperation	1.7
Entertainment	4.4	Social Groups & Institutions	1.6
Conservation	4.4	Alphabet Recitation	1.4
Size-Relational Concepts	4.2	Equality	1.4
Machines & Tools	3.6	Labeling Letters	1.2
Land, Sky & Water	3.6	Man-made Environment	1.2
		Labeling Geometric Forms	1.1

Treatment: Film of Animals (2.9% of total)

Plants & Animals	76.6	Visual Discrimination	1.2
Other Educational Goals	5.2	Kinesthetic Participation	1.2
Natural Processes	2.9	Buildings & Structures	1.2
Sound Identification	2.7	Entertainment	1.0
Enumeration Counting	2.5		

TABLE 15

Treatment: Song on Set by People (3.7% of total)

Goal	Percent	Goal	Percent
Entertainment	23.1	Form-Classification	2.3
Alphabet Recitation	9.9	Rhythms	2.3
Body Parts & Functions	7.3	Counting to 20	1.8
Emotions	6.1	Function-Sorting	1.8
Other Educational Goals	5.3	Family & Community	1.5
Spanish Vocabulary	4.7	Natural Processes	1.5
Function-Classification	4.2	Sound Identification	1.5
Form-Sorting	4.0	Same/Different Relational Concepts	1.5
Quantity-Classification	3.9	Quantity-Sorting	1.3
Size-Classification	3.1	Class-Classification	1.3
Decoding	2.6	Class-Sorting	1.0
Size-Sorting	2.6		

Treatment: Song on Set by Muppets (3.9% of total)

Entertainment	38.8	Word Recognition	2.3
Emotions	10.5	Quantity-Sorting	2.0
Decoding	6.7	Differing Perspectives	1.8
Other Educational Goals	6.1	Recognizing Numbers	1.7
Alphabet Recitation	4.6	Rhythms	1.4
Positional Relational Concepts	4.1	Family & Community	1.2
Labeling Forms	3.5	Cooperation	1.2
Addition & Subtraction	2.7	Machines & Tools	1.2

Treatment: Song on Set by People and Muppets (1.6% of total)

Entertainment	37.9	Enumeration Counting	1.5
Family & Community	14.4	Function-Sorting	1.5
Neighborhood	12.1	Quantity-Classification	1.5
Emotions	9.8	Spanish Vocabulary	1.5
Decoding	3.4	Plants & Animals	1.5
Addition & Subtraction	3.4	Positional Relational Concepts	1.1
Other Educational Goals	3.4		
Mind & Its Powers	1.9		

Treatment: Film & Song; People (3.0% of total)

Entertainment	57.1	Machines & Tools	2.0
Family & Community	8.9	Initial Sounds of Letters	1.6
Body Parts & Functions	7.3	City or Town	1.6
Enumeration Counting	4.1	City & Country	1.4
Plants & Animals	3.7	Natural Processes	1.4
Other Educational Goals	2.6	Land, Sky & Water	1.2
Function-Sorting	2.0		

Treatment: Film & Song; Animation (1.0% of total)

Entertainment	31.0	Alphabet Recitation	5.3
Letter Sounds	17.5	Counting to 20	4.7
Recognizing Forms	11.1	Reciting Numbers 1-20	4.7
Recognizing Numbers	9.9	Enumeration Counting	4.1
Reciting Numbers within 1-20	7.0	Labeling Forms	1.8

TABLE 16

Pretest and Gain Scores for All Encouraged and Not-encouraged Children

Test and Subtest	Maximum Possible Score	Chance Score	Not Encouraged N = 153				Encouraged N = 130			
			Pretest		Gain		Pretest		Gain	
			Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	1.3	7.4	3.1	0.8	3.5	6.5	2.9	2.1	3.0
Function of Body Parts	8	2.0	4.0	2.5	0.6	2.9	3.4	2.5	2.0	2.6
Body Parts Total	18	3.3	11.4	4.9	1.4	5.6	9.9	5.0	4.2	4.6
Naming Forms	4	---	1.2	1.3	0.1	1.4	0.9	1.2	1.1	1.3
Recognizing Forms	4	1.0	1.7	1.4	0.4	1.7	1.7	1.3	0.6	1.6
Forms Total	8	1.0	2.9	2.4	0.5	2.5	2.6	2.1	1.8	2.3
Roles of Community Members	4	0.5	2.1	1.4	0.3	1.7	2.0	1.4	1.1	1.4
Matching by Form	9	2.3	4.4	2.0	0.2	2.4	3.9	1.9	1.2	2.0
Matching by Position	3	1.0	1.1	0.9	0.1	1.2	1.1	0.9	0.2	1.2
Recognizing Letters	4	1.0	1.5	1.2	0.1	1.5	1.2	1.1	0.6	1.6
Naming Letters	8	---	0.7	1.6	0.6	2.1	0.6	1.4	1.5	2.3
Letter Sounds	4	---	0.3	0.9	0.0	1.0	0.2	0.7	0.5	1.2
Initial Sounds	6	0.5	0.7	1.0	-0.3	1.3	1.0	1.3	0.4	1.6
Decoding	8	1.3	1.4	1.3	-0.1	1.8	1.2	1.3	0.3	1.6
Reading	9	1.3	1.3	1.3	0.3	1.5	1.1	1.0	0.8	1.5
Left-Right Orientation	4	0.5	1.0	1.1	0.4	1.4	1.3	1.1	0.7	1.7
Alphabet (A to Z)	26	---	3.2	5.9	5.5	7.5	4.9	7.0	6.2	7.5
Pre-reading Total	48	5.9	9.1	6.4	1.6	6.7	8.5	5.8	5.3	7.9
Recognizing Numbers	4	1.0	1.2	1.1	0.1	1.3	0.9	1.0	0.8	1.4
Naming Numbers	6	---	0.5	1.3	0.2	1.3	0.3	0.9	1.0	1.7
Enumeration	7	0.5	2.3	2.0	1.5	2.3	2.5	2.0	1.7	2.0
Conservation	7	2.3	2.6	1.5	0.5	2.0	2.5	1.5	0.9	2.0
Counting Strategies	8	---	3.4	2.4	0.8	2.9	3.8	2.5	1.4	2.8
Number/Numeral Agreement	3	0.8	1.0	0.9	0.2	1.2	1.0	1.0	0.4	1.2
Addition & Subtraction	13	---	0.9	1.5	0.9	2.0	1.1	1.8	1.2	2.0
Counting (1-30)	30	---	5.2	7.0	5.7	7.7	5.5	6.9	7.7	7.4
Numbers Total	54	5.4	14.5	7.6	4.4	7.6	14.6	8.3	8.0	8.7
Relational Terms Total	17	4.7	9.0	3.7	1.2	4.0	8.5	3.5	3.0	3.8
Classification	15	2.5	4.2	3.4	0.2	3.5	3.9	3.1	1.6	3.6
Double Classification	9	2.3	2.6	1.8	0.1	2.3	2.1	1.7	0.7	2.5
Classification Total	24	4.8	6.8	4.7	0.3	4.9	6.0	4.0	2.3	5.0
Sorting Total	16	2.8	4.6	3.0	-0.2	3.4	3.7	2.6	2.1	3.4
Parts of Whole Total	10	2.5	3.8	1.8	0.8	2.5	3.9	1.9	0.9	2.4
Emotions Total	8	4.0	3.8	2.3	1.1	3.1	4.1	2.8	1.5	3.5
Attitude to School*	7	3.5	Posttest		5.8	1.8	Posttest		6.1	1.2
Attitude to Others*	4	2.0			2.9	1.1			2.9	0.9
Attitude to Race of Others*	6	3.0			4.5	1.8			4.5	1.4
Grand Total	214	36.2	71.7	28.7	11.8	26.9	67.3	29.4	31.2	27.5
Peabody Raw Score	---	---	25.7	12.7	3.2	11.7	25.0	14.0	6.7	11.8
Peabody Mental Age in Months	---	---	35.9	13.2	2.0	12.6	35.9	16.5	4.7	14.5
Chronological Age in Months	---	---	48.9	9.7	---	---	49.9	10.2	---	---

*N's for these subtests: Not-encouraged = 77 Encouraged = 79

TABLE 17

Parent Questionnaire Scales for All Encouraged and Not-encouraged Children

	Maximum Possible Score	Not-encouraged Pretest N = 149 Posttest N = 152 Mean	SD	Encouraged Pretest N = 126 Posttest N = 130 Mean	SD	P
Parents' Expectation						
Pre	50	38.6	5.3	37.6	5.2	ns
Post	50	37.6	4.5	36.5	5.1	ns
Child Affluence						
Pre	6	2.8	1.7	2.8	1.6	ns
Post	6	3.2	1.4	3.1	1.5	ns
Child Educational Uses						
Pre	21	5.8	3.3	5.7	2.9	ns
Post	21	6.0	2.9	6.2	3.1	ns
Parents' Affluence	14	8.7	2.4	8.7	1.9	ns
Years of Parents' Education	16	11.1	1.7	10.8	1.8	ns
School Expectation						
Pre	12	5.5	2.6	5.5	2.6	ns
Post	12	6.1	2.0	6.0	2.3	ns

TABLE 18

Selected Parent Questionnaire Items for All Encouraged and Not-encouraged Children

		P		Pretest Questionnaire*		Posttest Questionnaire*	
		Pre	Post	Not-encouraged N = 149	Encouraged N = 126	Not-encouraged N = 152	Encouraged N = 130
How child spends time at home.	Watches TV	.05	ns	87%	76%	85%	91%
	Plays with mother	ns	ns	74	69	64	69
	Follows mother	ns	ns	59	52	43	50
	Plays by himself	ns	ns	55	45	58	52
	Plays with children	ns	ns	91	93	89	94
What mother usually does with child.	Plays with him	ns	ns	87	80	80	73
	Reads to him	ns	ns	68	70	63	58
	Does housework	ns	.01	73	67	68	55
	Watches TV	ns	ns	28	26	33	38
	Watches TV with him	ns	ns	84	80	78	85
	Reads by herself	ns	ns	23	22	20	25
How often child uses art things at home.	Never	ns	ns	3	4	0	1
	Less than once a week			5	3	7	5
	Once a week			11	10	19	32
	Several times a week			40	43	47	41
	Once a day			38	36	19	18
	Don't know			2	4	6	4
How often child is read to.	Never	ns	(.05)	7	4	0	2
	Less than once a week			11	3	9	13
	Once a week			17	24	22	35
	Several times a week			32	37	43	32
	Once a day			24	25	18	12
	Don't know			8	6	7	7

ns = not statistically significant

Probabilities in parenthesis should be interpreted with caution since they were computed on small expected cell frequencies.

* Responses do not always total 100% because of some incomplete questionnaires.

** Question not asked in this questionnaire.

TABLE 18

Selected Parent Questionnaire Items for All Encouraged and Not-encouraged Children

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 149	Encouraged N = 126	Not-encouraged N = 152	Encouraged N = 130
Grade mother would like child to complete.	8 or less	ns	ns	0%	1%	1%	0%
	Some High School			0	1	1	0
	High School			9	20	26	35
	Some College			20	24	25	26
	College or beyond			69	53	45	35
	Other			0	0	0	0
	Don't know			1	0	2	4
Grade mother thinks child will complete.	8 or less	(.05)	ns	1	2	0	0
	Some High School			5	5	6	3
	High School			42	57	48	54
	Some College			26	12	28	26
	College or beyond			11	13	8	5
	Other			0	1	0	0
	Don't know			15	10	10	12
Do most children have to be forced to learn?	Almost all the time	ns	ns	4	2	4	5
	Most of the time			13	10	13	20
	Sometimes			68	63	73	60
	Never			15	24	9	15
Does your child have to be forced to learn?	Almost all the time	ns		5	2	3	6
	Most of the time			9	7	13	15
	Sometimes			62	60	68	63
	Never			23	27	16	15
Can mother do anything to improve schools?	Yes	ns		30	35	36	46
	No			14	13	13	7
	Don't know			56	52	51	47

TABLE 18

Selected Parent Questionnaire Items for All Encouraged and Not-encouraged Children

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 149	Encouraged N = 126	Not-encouraged N = 152	Encouraged N = 130
Hours child watched TV yesterday.	6 or more	ns	ns	7%	10%	8%	8%
	4 - 5			31	17	25	22
	2 - 3			30	37	41	37
	Less than 2			22	22	19	25
	None			10	13	5	8
Kind of TV set child watches.	Black and white	ns	ns	72	79	76	72
	Color			23	17	19	25
Employment of male in household.	35 hours a week or or more	(.05)		48	57	**	
	10 - 35 hours			6	3		
	Less than 10 hours			5	1		
	Other			41	39		
Number of rooms in house.	1 - 2	ns		3	4	**	
	3 - 4			46	34		
	5 - 6			38	52		
	7 - 8			7	8		
	Over 8			4	2		
Number of people living in house.	1 - 2	ns		1	1	**	
	3 - 4			26	21		
	5 - 6			34	40		
	7 - 8			22	20		
	Over 8			17	18		
Mother watches Sesame Street with child.	Almost always		(.05)	**		2	12
	Usually					6	11
	Sometimes					7	45
	Hardly ever					10	22
	No Sesame Street					75	11

TABLE 18

Selected Parent Questionnaire Items for All Encouraged and Not-encouraged Children

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 149	Encouraged N = 126	Not-encouraged N = 152	Encouraged N = 130
Mother and child talk about Sesame Street.	Almost always			**		3%	7%
	Usually					6	15
	Sometimes		ns			9	45
	Hardly ever					8	22
	No Sesame Street					74	10
Child plays games based on Sesame Street.	Almost always			**		2	2
	Usually		ns			1	4
	Sometimes					8	36
	Hardly ever					8	21
	Don't know					8	27
	No Sesame Street					74	10
How helpful Sesame Street is for child.	Not at all			**		0	1
	Somewhat		ns			6	35
	Very					17	51
	Don't know					3	4
	No Sesame Street					74	10

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: GENERAL KNOWLEDGE
BODY PARTS SUBTEST

	Pretest % Correct		Posttest % Correct	
Pointing to:	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
1. Knee	83%	73%	94%	95%
2. Elbow	58	45	73	75
3. Thumb	74	62	88	92
4. Lip	82	82	94	96
5. Heel	57	43	63	63
Naming:				
6. Tongue	84	82	87	97
7. Arm	85	75	86	91
8. Foot	80	71	76	82
9. Knee	76	68	83	92
10. Elbow	58	45	73	77
Function (Pictures):				
11. Pet a dog with (hand)	65	61	71	82
12. Look with (eyes)	65	62	75	83
13. Smell with (nose)	41	38	50	63
14. Hear with (ear)	59	51	64	74
Function (No Pictures):				
15. See with	64	48	79	85
16. Pick up things with	56	45	67	82
17. Think with	10	8	12	17
18. Listen with	42	30	46	62

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: GENERAL KNOWLEDGE FORMS SUBTEST

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
Naming:				
19. Square	31%	17%	41%	58%
20. Rectangle	16	8	14	17
21. Circle	51	42	61	82
22. Triangle	23	20	19	43
Pointing to:				
23. Circle	70	63	88	95
24. Rectangle	27	30	35	32
25. Triangle	46	51	52	63
26. Two different triangles	29	26	36	45
General Information:				
27. (TV) costs the most money	61	56	74	82
28. Which can you buy with a nickel?	39	38	42	50
29. (Cow) gives milk	62	61	71	85
30. (Bird) flies in the air	70	63	74	83
31. Which does a fireman use?	43	44	40	67
32. Which does a mailman use?	58	60	65	82
33. Table is heaviest	63	55	65	64
34. Balloon is lightest	26	18	20	37
35. Who puts out fires?	47	41	66	80
36. Who brings letters?	60	57	69	85
37. When do you use umbrellas?	42	40	59	72

TABLE 19
ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children
Answering Each Item Correctly on Pretest and Posttest
N = 283

TEST: PRE-READING

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
Matching by Form:				
1. Cone	90%	85%	86%	97%
2. Upper Case D	68	62	81	85
3. Upper Case IS	59	48	61	72
4. Lower Case who	31	29	33	30
5. Upper Case TAR	46	41	41	46
6. Lower Case man	20	21	24	25
7. 3	66	55	78	89
8. 16	32	26	31	34
9. 32	25	20	24	25
Matching by Position:				
10. Flowers	29	31	31	34
11. Clothes	49	44	58	57
*12.				
13. Train	29	35	25	35
Recognizing Letters:				
14. Upper Case A	46	39	48	62
15. Upper Case P	32	22	25	32
16. Lower Case b	42	32	40	39
17. Lower Case f	32	25	44	44
Naming Letters:				
18. Upper Case S	8	15	16	28
19. Upper Case C	14	12	25	45
20. Upper Case W	6	7	12	16
21. Upper Case H	10	6	14	18
22. Lower Case m	8	3	16	30
23. Lower Case e	11	7	24	35
24. Lower Case t	9	5	11	22
25. Lower Case g	6	2	10	15

*Item 12 was judged defective and was omitted from all analyses.

TABLE 19
ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: PRE-READING

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
Letter Sounds:				
26. F	13%	5%	12%	23%
27. S	8	5	10	23
28. V	7	3	8	8
29. M	7	3	7	16
Initial Sounds:				
30. Words begin with K	8	13	12	24
31. Words begin with M	5	13	6	18
32. Words begin with B	5	12	7	10
33. Words begin with E	3	8	6	12
Reading and Decoding:				
34. Which is "BIRD"?	29	25	39	51
35. Which is "SUN"?	23	18	24	26
36. Which is "MOP"?	37	30	36	45
37. Read "Stop"	13	12	22	25
38. Read "Exit"	1	0	2	2
39. Read "TELEPHONE"	52	57	71	67
40. Read "SCHOOL BUS"	16	8	12	28
41. Read "STREET"	7	2	1	2
42. Read "met"	1	1	1	2
43. Read "love"	3	2	1	2
Left-Right Orientation:				
44. First word in sentence	25	32	38	48
45. Last word in sentence	23	25	31	38
Reading a Sentence:				
46. Read "THE"	3	2	3	8
47. Read "MAN"	1	2	1	2
48. Read "IS"	2	2	2	2
49. Read" BIG"	1	2	3	1
50. Wrote name correctly	3	0	7	5

TABLE 19
ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: NUMBERS

	Pretest % Correct		Posttest % Correct	
Conservation:	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
1. 3 Rabbits	58%	54%	77%	73%
2. 3 Blocks	52	51	69	68
3. 4 Circles	37	31	44	56
4. 5 Nuts	23	23	29	39
5. 6 Bees	31	28	31	38
6. Nickel = 5 pennies	36	33	37	38
7. Dime = 2 nickels	24	26	23	25
Enumeration and Counting Strategies:				
8. Number counted (9)	16	19	34	30
9. Child pointed	63	71	75	88
10. How many are there? (9)	58	58	64	56
11. Numberscounted (15)	10	8	17	18
12. Child pointed	61	72	69	87
13. How many are there? (15)	56	56	58	62
14. Pointed to each once	58	63	68	83
15. Started at left	25	36	32	58
16. Pointed to each once	46	54	57	75
17. Started at left	23	42	31	58
18. Pointed to each once	42	53	59	71
19. Start or end at grey circle	18	15	14	35
20. Pointed to each once	36	43	54	64
21. Pointed in groups of 3	12	12	18	18

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: NUMBERS

	Pretest % Correct		Posttest % Correct	
Recognizing Numbers:	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
22. 8	42%	29%	40%	60%
23. 15	27	25	32	45
24. 16	21	20	28	40
25. 32	25	17	27	28
Naming Numbers:				
26. 6	9	10	25	49
27. 9	8	9	18	33
28. 12	8	4	9	23
29. 15	8	3	9	16
30. 18	8	5	5	10
31. 27	5	2	3	3
Number/Numeral Correspondence:				
32. 2 frogs	45	43	57	66
33. 5 turtles	27	33	35	43
34. 8 spiders	24	21	27	31
Enumeration & Relational Terms:				
35. More	73	68	86	91
36. 5	55	61	78	87
37. Most	58	58	67	75
38. 1	57	60	82	81
39. Less	44	41	46	65
40. First	54	55	71	73
41. Last	30	25	35	45
42. Count 3 birds	40	42	61	71
43. How many cookies?	34	40	63	77
44. How many balloons?	23	23	44	60

TABLE 19
ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: NUMBERS

	Pretest % Correct		Posttest % Correct	
Addition & Subtraction:	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
45. Add 1	16	21	33	35
46. Subtract 1	16	25	35	43
47. Add dogs	13	18	41	48
48. 6 minus 2 balloons	10	14	16	19
49. Read + (plus)	1	2	5	3
50. Read = (equals)	1	1	5	4
51. 7+1= (8)	1	1	3	4
52. Read - (minus)	0	0	3	2
53. 5-1= (4)	3	2	3	6
54. Half = 2 pieces	29	22	32	52
55. 5+3= (8)	1	2	2	8
56. 6-4= (2)	1	2	1	5
57. 2X2= (4)	3	5	7	5
58. Counted to 10 without mistakes	24	23	54	66
59. Counted to 20 without mistakes	1	0	10	16
60. Counted from 3 to 8	8	5	69	68

TEST: RELATIONAL TERMS (see Numbers Test for other items)

1. Biggest	90%	88%	92%	98%
2. Smallest	69	70	78	87
3. Farthest	24	26	42	52
4. Nearest	40	34	60	55
5. Through	54	47	53	70
6. On	76	78	80	82
7. Between	46	45	55	56
8. Around	50	43	50	64

TABLE 19
ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: CLASSIFICATION

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
1. By class (fruit)	45%	50%	55%	73%
2. By shape (squares)	48	57	52	59
3. By size (big)	41	40	44	52
4. Verbal reasoning for size	13	10	14	20
5. By size (small)	26	23	33	38
6. By number (2)	52	45	59	70
7. Verbal reasoning for number	15	8	16	28
8. By number (2)	27	22	24	32
9. By shape (circles)	52	47	56	54
10. Verbal reasoning for shape	12	5	12	22
11. By emotion (happy)	19	18	17	27
12. Verbal reasoning for emotion	9	7	6	16
13. By function and class	43	42	42	44
14. By size and class	39	35	38	40
15. By color and shape	30	22	31	18
16. By function and number	35	31	35	33
17. By function (letters)	13	12	10	12
18. Verbal reasoning for letters	7	4	5	3
Initial Sounds: (see Letters Test for other items)				
19. "P" words	32	40	52	48
20. "D" words	16	12	14	23
Decoding: (see Letters Test for other items)				
21. "AN" words	23	22	20	22
22. "OCK" words	20	17	18	12
23. "IG" words	34	25	30	36

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: CLASSIFICATION

	Pretest % Correct		Posttest % Correct	
Double Classification:	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
24. By number and form	25%	12%	20%	28%
25. By size and color	20	12	12	15
26. By shape and class	18	11	24	34
27. By shape and color	36	44	46	45
28. By class and shape	24	16	27	22
29. By size and class	35	32	33	44

TABLE 19
ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
TEST: SORTING SKILLS				
1. By shape (squares)	59%	56%	67%	82%
2. By class (plants)	41	39	44	45
3. By size (big)	37	26	29	45
4. By size (big)	31	25	21	36
5. Verbal reasoning for size	7	6	6	20
6. By function (clothing)	48	35	46	54
7. By number (1)	30	21	33	44
8. Verbal reasoning for number	12	5	12	15
9. By form (brushes)	20	22	24	35
10. By number (2)	40	39	37	33
11. By shape (squares)	43	32	43	52
12. Verbal reasoning for shape	9	3	9	12
13. By function (letters)	27	21	20	33
14. Verbal reasoning for letters	5	2	6	17
15. By class (houses)	44	34	40	45
16. Verbal reasoning for class	14	4	12	14
TEST: PARTS OF WHOLE				
1. Cone	80%	71%	89%	95%
2. Circle & rectangle	47	58	66	68
3. Glasses	33	40	49	42
4. Flag	33	22	36	25
5. Stool	52	51	51	57
6. Snowman	43	47	44	52
7. Boat	19	25	33	32
8. Crib	34	37	33	45
9. "BIG"	23	19	28	29
10. "tale"	22	16	31	29

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: EMOTIONS

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
Happy and Sad:				
1. Which is happy?	60%	68%	77%	82%
2. Happy or sad?	52	58	67	78
3. Opening a present	54	59	64	71
4. Falling off bike	36	46	47	62
5. Dropping lollypop	36	44	58	66
6. Eating ice cream	53	49	58	70
7. Blocks kicked	35	33	53	63
8. At a party	50	48	61	68
Attitude to School and to Others:				
9. Reading a book	N=37	N=41	N=77	N=79
happy	73	88	82	76
sad	27	10	17	18
10. In class at school				
happy	73	66	79	94
sad	24	32	21	5
11. Writing on paper				
happy	70	93	87	89
sad	27	5	13	8
12. Talking to policeman				
happy	62	68	61	61
sad	35	27	32	24
13. Counting				
happy	68	90	77	72
sad	30	10	22	19
14. With boys and girls				
happy	78	88	92	94
sad	19	12	8	5
15. Going to school				
happy	68	59	86	87
sad	30	39	10	10
16. Looking in a mirror				
happy	76	90	86	90
sad	22	7	13	6
17. Talking to teacher				
happy	68	76	79	92
sad	27	24	17	6

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: EMOTIONS

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=37	Encouraged N=41	Not-encouraged N=77	Encouraged N=79
Attitude to School and to Others: (continued)				
18. Talking to adults				
happy	81%	83%	82%	87%
sad	16	15	17	9
19. Saying ABC's				
happy	76	83	87	96
sad	22	17	12	4
20. At doctor's office				
happy	41	59	51	48
sad	54	39	45	41
Attitude to Race of Others:				
21. Looking in mirror				
happy	73	83	88	87
sad	16	10	10	5
22. Talking to teacher				
happy	73	68	82	85
sad	16	24	17	9
23. Talking to policeman				
happy	62	61	71	61
sad	27	34	25	28
24. In class in school				
happy	70	66	81	87
sad	16	27	17	9
25. Talking to adults				
happy	76	83	81	85
sad	14	12	17	9
26. With boys and girls				
happy	78	83	88	90
sad	11	12	8	6
27. At doctor's office				
happy	46	49	49	51
sad	43	46	45	38

TABLE 19

ITEM ANALYSIS

Percentage of Encouraged and Not-encouraged Children Answering Each Item Correctly on Pretest and Posttest

N = 283

TEST: SESAME STREET

	Pretest % Correct		Posttest % Correct	
	Not-encouraged N=153	Encouraged N=130	Not-encouraged N=153	Encouraged N=130
1. Which is Gordon?	8%	6%	16%	60%
2. Which is Bob?	5	4	10	45
3. (Susan) Who is she?	10	5	21	58
4. (Mr. Hooper) Who is he?	7	2	10	40
5. Name of show?	1	5	13	60
6. Which is Oscar?	3	5	19	69
7. (Bert & Ernie) Who are they?	2	4	12	62
8. (Buddy & Jim) Who are they?	2	2	10	41
9. (Big Bird) Who is this?	11	13	37	85
10. What does Sesame Street sign say?	0	1	27	56

TABLE 20

Multivariate Analysis of Total Gain Scores for All New Study Children

Dependent Variables: Gains on Total Score for Body Parts, Forms, Pre-reading, Numbers, Relational Terms, Classification, Sorting, Parts of Whole, and Peabody IQ

Source	F	df_1	df_2	P
EAS	1.024	18	526	.430
EA	1.093	18	526	.355
ES	.558	9	263	.831
E	5.779	9	263	.001*
SA	.621	18	526	.884
S	.956	9	263	.477
A	.739	18	526	.771

Univariate Interpretive Data, Test of E

	F(1,271)	P
Gain Body Parts	19.678	.001*
Gain Forms	18.070	.001*
Gain Pre-reading	17.431	.001*
Gain Numbers	13.400	.001*
Gain Relational Terms	14.887	.001*
Gain Classification	11.210	.001*
Gain Sorting	32.317	.001*
Gain Parts of Whole	.141	.707
Gain Peabody IQ	5.581	.019*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 21

Multivariate Analysis of Covariance of Total Gain Scores for All New Study Children

Dependent Variables: Gains on Total Score for Body Parts, Forms, Pre-reading, Numbers, Relational Terms, Classification, Sorting, and Parts of Whole
Covariates: Pretest Scores, Pretest Peabody IQ, and SES

Source of Variance	F	df_1	df_2	P
EAS	1.193	16	480	.269
EA	1.315	16	480	.183
ES	.348	8	240	.946
E	4.864	8	240	.001*
SA	.849	16	480	.629
S	1.364	8	240	.213
A	2.360	16	480	.002*

Univariate Interpretive Data, Tests of E and A

	Test of E		Test of A	
	F(1,247)	P	F(2,247)	P
Gain Body Parts	9.376	.002*	13.396	.001*
Gain Forms	17.585	.001*	4.685	.010*
Gain Pre-reading	17.462	.001*	3.831	.023*
Gain Numbers	18.880	.001*	9.210	.001*
Gain Relational Terms	12.719	.001*	4.712	.010*
Gain Classification	7.112	.008*	1.734	.179
Gain Sorting	20.816	.001*	.876	.418
Gain Parts of Whole	.091	.763	.514	.599

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 22

Multivariate Analysis of Miscellaneous Gain Scores for All New Study Children

Dependent Variables: Naming Body Parts, Function of Body Parts, Naming Forms, Recognizing Forms, Roles of Community Members, Matching by Form, Matching by Position, and Emotions

Source of Variance	F	df_1	df_2	P
EAS	1.118	16	528	.334
EA	1.561	16	528	.075
ES	.387	8	264	.927
E	6.148	8	264	.001*
SA	.978	16	528	.479
S	1.659	8	264	.109
A	1.312	16	528	.184

Univariate Interpretive Data, Test of E

	F(1,271)	P
Gain Naming Body Parts	10.695	.001*
Gain Function of Body Parts	19.875	.001*
Gain Naming Forms	37.042	.001*
Gain Recognizing Forms	1.698	.194
Gain Roles of Community Members	18.115	.001*
Gain Matching by Form	12.942	.001*
Gain Matching by Position	.569	.451
Gain Emotions	1.239	.266

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 23

Multivariate Analysis of Covariance of Miscellaneous Gain Scores for All New Study Children

Dependent Variables: Naming Body Parts, Function of Body Parts, Naming Forms, Recognizing Forms, Roles of Community Members, Matching by Form, Matching by Position, and Emotions
Covariates: Pretest Scores, Pretest Peabody IQ, and SES

Source of Variance	F	df_1	df_2	P
EAS	1.284	16	480	.203
EA	1.180	16	480	.280
ES	.914	8	240	.506
E	6.694	8	240	.001*
SA	.969	16	480	.490
S	1.469	8	240	.169
A	2.959	16	480	.001*

Univariate Interpretive Data, Tests of E and A

	Test of E		Test of A	
	F(1,247)	P	F(2,247)	P
Gain Naming Body Parts	2.206	.139	13.431	.001*
Gain Function of Body Parts	13.082	.001*	10.658	.001*
Gain Naming Forms	34.688	.001*	7.529	.001*
Gain Recognizing Forms	3.533	.061	4.304	.015*
Gain Roles of Comm. Members	30.596	.001*	7.766	.001*
Gain Matching by Form	7.665	.006*	8.822	.001*
Gain Matching by Position	3.179	.076	0.174	.840
Gain Emotions	6.347	.012*	4.106	.018*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 24

Multivariate Analysis of Pre-reading Gain Scores for All New Study Children

Dependent Variables: Gains for Recognizing Letters, Naming Letters, Letter Sounds, Initial Sounds, Decoding, Reading Left-Right Orientation, and Alphabet

Source of Variance	F	df_1	df_2	P
EAS	.447	16	528	.969
EA	.963	16	528	.496
ES	1.565	8	264	.135
E	2.781	8	264	.006*
SA	.759	16	528	.733
S	.416	8	264	.911
A	1.793	16	528	.029*

Univariate Interpretive Data, Tests of E and A

	Test of E		Test of A	
	F(1,271)	P	F(2,271)	P
Gain Recognizing Letters	8.754	.003*	1.439	.239
Gain Naming Letters	12.720	.001*	3.217	.042*
Gain Letter Sounds	13.132	.001*	.466	.628
Gain Initial Sounds	.230	.632	.405	.667
Gain Decoding	2.966	.086	1.477	.230
Gain Reading	7.422	.007*	1.099	.335
Gain Left-Right Orientation	2.279	.132	.291	.748
Gain Alphabet	.361	.548	3.809	.023*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 25

Multivariate Analysis of Covariance of Pre-reading Gain Scores For All New Study Children

Dependent Variables: Gains for Recognizing Letters, Naming Letters, Letter Sounds, Initial Sounds, Decoding, Reading, Left-Right Orientation, and Alphabet
Covariates: Pretest Scores, Pretest Peabody IQ, and SES

Source of Variance	F	df_1	df_2	P
EAS	.756	16	480	.736
EA	.701	16	480	.794
ES	1.170	8	240	.318
E	2.697	8	240	.007*
SA	.821	16	480	.663
S	1.622	8	240	.119
A	2.466	16	480	.001*

Univariate Interpretive Data, Tests of E and A

	Test of E		Test of A	
	F(1,247)	P	F(2,247)	P
Gain Recognizing Letters	.801	.372	3.118	.027*
Gain Naming Letters	6.319	.013*	5.628	.004*
Gain Letter Sounds	8.282	.004*	2.229	.110
Gain Initial Sounds	4.787	.030*	.522	.594
Gain Decoding	.951	.330	.782	.459
Gain Reading	6.583	.011*	3.532	.031*
Gain Left-Right Orientation	14.602	.001*	5.697	.004*
Gain Alphabet	1.564	.212	8.919	.001*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 26

Multivariate Analysis of Numbers Gain Scores for All New Study Children

Dependent Variables: Gains for Recognizing Numbers, Naming Numbers, Enumeration, Conservation, Counting Strategies, Number/Numeral Correspondence, Addition and Subtraction, and Counting 1 - 30

Source of Variance	F	df_1	df_2	P
EAS	1.116	16	528	.336
EA	.793	16	528	.695
ES	1.324	8	264	.232
E	3.748	8	264	.001*
SA	1.271	16	528	.210
S	.782	8	264	.619
A	1.337	16	528	.169

Univariate Interpretive Data, Test of E

	F(1,271)	P
Gain Recognizing Numbers	19.333	.001*
Gain Naming Numbers	18.113	.001*
Gain Enumeration	.960	.328
Gain Conservation	2.550	.111
Gain Counting Strategies	2.916	.089
Gain Number/Numeral Correspondence	2.163	.149
Gain Addition & Subtraction	1.625	.203
Gain Counting 1 - 30	4.654	.032*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 27

Multivariate Analysis of Covariance of Numbers Gain Scores for All New Study Children

Dependent Variables: Gains for Recognizing Numbers, Naming Numbers, Enumeration, Conservation, Counting Strategies, Number/Numeral Correspondence, Addition and Subtraction, and Counting 1 - 30

Covariates: Pretest Scores, Pretest Peabody IQ, and SES

Source of Variance	F	df_1	df_2	P
EAS	1.081	16	480	.371
EA	1.465	16	480	.108
ES	.393	8	240	.924
E	3.910	8	240	.001*
SA	1.433	16	480	.122
S	.870	8	240	.543
A	2.674	16	480	.001*

Univariate Interpretive Data, Test of E and A

	Test of E		Test of A	
	F(1,247)	P	F(2,247)	P
Gain Recognizing Numbers	11.543	.001*	3.961	.020*
Gain Naming Numbers	18.584	.001*	1.083	.340
Gain Enumeration	3.341	.069	10.760	.001*
Gain Conservation	2.403	.122	.384	.682
Gain Counting Strategies	12.932	.001*	3.861	.022*
Gain Number/Numeral Corr.	4.848	.029*	2.658	.072
Gain Addition & Subtraction	4.369	.038*	5.387	.005*
Gain Counting 1 - 30	6.757	.010*	12.784	.001*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 28

Multivariate Analysis of Classification Gain Scores for All New Study Children

Dependent Variables: Gains for Classification and Double Classification

Source of Variance	F	df_1	df_2	P
EAS	2.591	4	540	.036*
EA	.580	4	540	.677
ES	.081	2	270	.922
E	5.664	2	270	.004*
SA	1.055	4	540	.378
S	.356	2	270	.701
A	1.587	4	540	.176

Univariate Interpretive Data, Test of EAS and E

	Test of EAS		Test of E	
	F(2,271)	P	F(1,271)	P
Gain Classification	.590	.555	10.066	.002*
Gain Double Classification	4.801	.009*	4.642	.032*

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 29

Multivariate Analysis of Covariance of Classification Gain Scores for All New Study Children

Dependent Variables: Gains for Classification and Double Classification
Covariates: Pretest Scores, Pretest Peabody IQ, and SES

Source of Variance	F	df_1	df_2	P
EAS	1.871	4	504	.114
EA	1.415	4	504	.228
ES	.121	2	252	.886
E	4.957	2	252	.008*
SA	1.420	4	504	.226
S	.999	2	252	.370
A	6.890	4	504	.001*

Univariate Interpretive Data, Tests of E and A

	Test of E		Test of A	
	F(1,253)	P	F(2,253)	P
Gain Classification	9.760	.002*	9.665	.001*
Double Classification	.458	.499	1.434	.240

*Significant at the .05 level
E = Encouragement
A = Age
S = Sex

TABLE 30

Pretest and Gain Scores for All Children in the New Study (by viewing groups) N = 283

Test and Subtest	Maximum Possible Score	Non-Viewers N = 108				HI N = 89				H2 N = 86			
		Pretest		Gain		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	7.7	2.7	0.3	3.4	6.0	3.4	2.4	3.5	7.0	2.8	1.8	2.7
Function of Body Parts	8	4.2	2.5	0.5	2.9	3.3	2.5	1.6	2.7	3.6	2.5	2.0	2.7
Body Parts Total	18	11.9	4.7	0.8	5.5	9.3	5.3	3.9	5.2	10.6	4.7	3.8	4.5
Naming Forms	4	1.2	1.3	0.0	1.4	0.8	1.2	0.9	1.3	1.1	1.3	1.0	1.3
Recognizing Forms	4	1.8	1.4	0.3	1.7	1.6	1.3	0.6	1.7	1.7	1.4	0.7	1.6
Forms Total	8	3.1	2.4	0.3	2.6	2.4	2.1	1.4	2.5	2.8	2.3	1.7	2.3
Roles of Community Members	4	2.2	1.4	0.1	1.7	1.8	1.4	0.9	1.5	2.0	1.4	1.2	1.4
Matching by Form	9	4.4	2.0	0.3	2.4	3.9	2.1	0.6	2.4	4.0	1.8	1.1	1.9
Matching by Position	3	1.1	0.9	-0.0	1.2	1.0	0.8	0.2	1.2	1.2	1.0	0.2	1.1
Recognizing Letters	4	1.6	1.3	-0.0	1.5	1.2	1.1	0.4	1.6	1.3	1.2	0.6	1.5
Naming Letters	8	0.7	1.6	0.4	2.0	0.5	1.3	1.3	2.2	0.8	1.6	1.4	2.4
Letter Sounds	4	0.3	0.9	0.1	1.0	0.2	0.6	0.2	0.9	0.3	0.9	0.5	1.5
Initial Sounds	6	0.7	0.9	0.3	1.4	0.7	1.1	0.3	1.2	1.1	1.5	0.3	1.7
Decoding	8	1.4	1.2	-0.2	1.9	1.1	1.2	0.2	1.6	1.4	1.4	0.3	1.7
Reading	9	1.2	1.3	0.3	1.6	1.0	1.1	0.6	1.4	1.2	1.2	0.7	1.7
Left-Right Orientation	4	1.0	1.2	0.2	1.4	1.1	1.0	0.7	1.4	1.3	1.1	0.7	1.7
Alphabet (A to Z)	26	3.4	5.8	5.6	8.4	3.5	6.3	5.1	5.9	5.2	7.3	6.9	7.8
Pre-reading Total	48	9.1	6.0	1.3	6.8	7.8	5.5	4.0	6.7	9.6	6.9	5.1	8.6
Recognizing Numbers	4	1.1	1.2	0.1	1.3	1.1	1.1	0.4	1.4	0.9	0.9	0.9	1.4
Naming Numbers	6	0.4	1.2	0.2	1.0	0.3	0.9	0.9	1.7	0.5	1.3	0.8	1.9
Enumeration	7	2.4	2.0	1.3	2.4	2.2	1.9	1.8	2.0	2.7	2.0	1.6	2.1
Conservation	7	2.5	1.6	0.5	1.9	2.7	1.5	0.6	2.1	2.5	1.5	1.0	2.0
Counting Strategies	8	3.3	2.5	0.8	3.1	3.5	2.5	0.9	2.9	4.0	2.4	1.5	2.6
Number/Numeral Agreement	3	1.0	0.9	0.2	1.2	0.9	0.9	0.3	1.3	1.0	1.0	0.5	1.2
Addition & Subtraction	13	1.0	1.4	0.9	1.9	0.8	1.3	1.1	2.0	1.3	2.2	1.2	2.0
Counting (1-30)	30	5.1	6.6	5.8	7.6	5.0	7.7	6.2	7.5	5.8	6.6	8.1	7.5
Numbers Total	54	14.3	7.7	4.1	7.6	13.9	7.5	6.4	8.4	15.5	8.6	8.0	8.6
Relational Terms Total	17	9.2	3.7	0.7	4.1	7.9	3.6	2.7	3.8	9.0	3.3	3.1	3.6
Classification	15	4.5	3.5	-0.1	3.6	3.3	2.6	1.0	3.4	4.3	3.3	1.9	3.6
Double Classification	9	2.6	2.1	0.1	2.5	2.3	1.5	0.1	2.4	2.2	1.7	0.8	2.4
Classification Total	24	7.1	5.0	0.0	5.1	5.6	3.5	1.2	5.0	6.6	4.3	2.7	4.6
Sorting Total	16	4.8	3.2	-0.4	3.7	3.7	2.7	1.0	3.2	3.9	2.4	2.3	3.2
Parts of Whole Total	10	3.8	1.9	0.8	2.5	3.8	1.8	0.5	2.4	3.9	1.9	1.2	2.3
Emotions Total	8	3.5	2.4	1.1	3.3	4.2	2.4	0.7	3.2	4.1	2.8	2.2	3.2
Grand Total	214	72.9	29.0	9.0	27.9	63.8	27.5	23.7	28.0	71.7	30.2	32.3	25.5
Peabody Raw Score	---	26.9	13.0	2.6	12.1	23.1	12.4	5.8	11.2	25.8	14.3	6.5	12.0
Peabody Mental Age in Months	---	36.9	14.1	1.3	12.9	33.7	12.1	4.4	12.2	36.8	17.7	4.5	15.6
Chronological Age in Months	---	49.7	9.7	---	---	48.0	10.1	---	---	50.4	9.9	---	---

TABLE 31

Parent Questionnaire Scales for All Children
in the New Study by Viewing Groups

		Total		NV		H1		H2		
	Maximum Possible Score	Pre N = 275 Post N = 282 Mean	SD	Pre N = 104 Post N = 107 Mean	SD	Pre N = 88 Post N = 89 Mean	SD	Pre N = 83 Post N = 86 Mean	SD	P
Parents' Expectation										
Pre	50	38.1	5.3	38.2	5.3	37.7	5.7	38.4	4.9	ns
Post	50	37.1	4.8	37.6	4.4	36.7	5.0	37.0	5.1	ns
Child Affluence										
Pre	6	2.8	1.7	3.0	1.7	2.6	1.7	2.8	1.6	ns
Post	6	3.2	1.4	3.1	1.3	3.3	1.3	3.0	1.6	ns
Child Educational Uses										
Pre	21	5.7	3.1	5.7	3.2	5.3	3.1	6.2	2.8	ns
Post	21	6.1	3.0	5.8	2.6	6.0	3.5	6.5	2.9	ns
Parents' Affluence	14	8.7	2.2	8.4	2.5	8.7	2.0	9.0	1.8	ns
Years of Parents' Education	16	11.0	1.7	10.8	1.7	11.1	1.9	10.9	1.7	ns
School Expectation										
Pre	12	5.5	2.6	5.7	2.6	4.9	2.6	5.9	2.5	.028
Post	12	6.1	2.1	6.0	2.0	6.1	1.8	6.1	2.6	ns

TABLE 32

Selected Parent Questionnaire Items for All New Study Children (by viewing groups)

		P		Pretest Questionnaire*			Posttest Questionnaire*		
		Pre	Post	NV N=104	H1 N=88	H2 N=83	NV N=107	H1 N=89	H2 N=86
How child spends time at home.	Watches TV	ns	ns	82%	84%	80%	86%	83%	94%
	Plays with mother	ns	ns	71	74	70	63	69	70
	Follows mother	ns	ns	61	53	53	46	46	47
	Plays by himself	ns	ns	56	48	47	57	54	55
	Plays with children	ns	ns	88	92	96	87	99	90
What mother usually does with child.	Plays with him	ns	ns	86	84	82	75	82	73
	Reads to him	ns	ns	64	69	73	61	62	59
	Does housework	ns	02	70	68	72	71	57	56
	Watches TV	ns	ns	32	26	22	32	38	36
	Watches TV with him	ns	ns	78	82	88	81	79	83
	Reads by herself	ns	ns	27	25	16	21	25	22
How often child uses art things at home.	Never	ns	ns	5	5	1	0	1	0
	Less than once a week			6	1	5	8	1	8
	Once a week			13	8	11	17	31	28
	Several times a week			41	41	42	50	38	43
	Once a day			32	41	40	20	19	16
	Don't know			4	1	1	4	8	3
How often child is read to.	Never	(.005)	ns	11	3	4	0	1	1
	Less than once a week			13	5	4	10	11	10
	Once a week			14	23	25	23	31	30
	Several times a week			37	32	34	42	36	36
	Once a day			17	26	33	16	13	15
	Don't know			9	11	1	7	7	6

ns = not statistically significant

Probabilities in parenthesis should be interpreted with caution since they were computed on small * expected cell frequencies.

Responses do not always total 100% because of some incomplete questionnaires.

** Question not asked in this questionnaire.

TABLE 32

Selected Parent Questionnaire Items for All New Study Children (by viewing groups)

		P		Pretest Questionnaire*			Posttest Questionnaire*		
		Pre	Post	NV N=104	H1 N=88	H2 N=83	NV N=107	H1 N=89	H2 N=86
Grade mother would like child to complete.	8 or less	ns	ns	0%	1%	0%	0%	1%	0%
	Some High School			0	1	0	0	2	0
	High School			10	18	14	27	33	30
	Some College			21	15	30	24	28	24
	College or beyond			66	63	55	46	34	42
	Other			0	0	0	0	0	0
	Don't know			1	0	0	3	2	4
Grade mother thinks child will complete.	8 or less	ns	ns	1	2	0	0	0	0
	Some High School			4	5	6	5	6	3
	High School			44	45	58	45	61	48
	Some College			25	20	12	33	21	28
	College or beyond			13	11	13	6	6	8
	Other			0	0	1	0	0	0
	Don't know			13	16	10	12	8	13
Do most children have to be forced to learn?	Almost all the time	(.02)	ns	2	6	1	7	3	2
	Most of the time			16	10	8	15	10	23
	Sometimes			70	57	70	66	74	60
	Never			11	27	20	11	11	14
Does your child have to be forced to learn?	Almost all the time	ns	ns	4	5	1	5	3	5
	Most of the time			11	7	7	14	11	16
	Sometimes			61	58	65	64	70	64
	Never			20	28	27	17	16	15
Can mother do anything to improve schools?	Yes	ns	.02	27	40	30	35	34	56
	No			12	16	13	12	10	7
	Don't know			61	44	57	53	56	37

TABLE 32

Selected Parent Questionnaire Items for All New Study Children (by viewing groups)

		P		Pretest Questionnaire*			Posttest Questionnaire*		
		Pre	Post	NV N=104	H1 N=88	H2 N=83	NV N=107	H1 N=89	H2 N=86
Hours child watched TV yesterday.	6 or more	ns	ns	10%	9%	5%	8%	10%	6%
	4 - 5			31	18	24	24	27	19
	2 - 3			27	36	37	41	39	36
	Less than 2			22	23	22	20	18	29
	None			11	13	12	4	6	10
Kind of TV set child watches.	Black and white	(.005)	ns	77	64	87	78	74	70
	Color			20	31	11	18	24	25
Employment of male in household.	35 hours a week or or more	ns		41	53	64	**		
	10 - 35 hours			6	3	5			
	Less than 10 hours			5	5	0			
	Other			48	39	31			
Number of rooms in house.	1 - 2	ns		3	2	5	**		
	3 - 4			49	40	31			
	5 - 6			34	51	49			
	7 - 8			8	3	12			
	Over 8			4	3	2			
Number of people living in house.	1 - 2	ns		1	1	0	**		
	3 - 4			25	31	16			
	5 - 6			36	28	46			
	7 - 8			20	23	22			
	Over 8			13	14	14			
Mother watches Sesame Street with child.	Almost always		ns		**		0	4	16
	Usually						0	11	15
	Sometimes						0	31	49
	Hardly ever						0	28	20
	No Sesame Street						100	25	0

TABLE 32

Selected Parent Questionnaire Items for All New Studv Children (by viewing groups)

		P		Pretest Questionnaire*			Posttest Questionnaire*		
		Pre	Post	NV N=104	H1 N=88	H2 N=83	NV N=107	H1 N=89	H2 N=86
Mother and child talk about Sesame Street.	Almost always						0%	4%	10%
	Usually						0	11	22
	Sometimes		ns		**		0	38	45
	Hardly ever						0	21	22
	No Sesame Street						100	22	0
Child plays games based on Sesame Street.	Almost always						0	2	5
	Usually						0	1	6
	Sometimes		ns		**		0	27	41
	Hardly ever						0	27	17
	Don't know						0	21	31
	No Sesame Street						100	21	0
How helpful Sesame Street is for child.	Not at all						0	0	1
	Somewhat						0	34	28
	Very		(.001)		**		0	37	69
	Don't know						0	8	2
	No Sesame Street						100	21	0

TABLE 33a

Pretest and Gain Scores for Not-encouraged Children in the New Study (by viewing groups) N = 153

Test and Subtest	Maximum Possible Score	Non-Viewers N = 99				H1 N = 46				H2 N = 8			
		Pretest		Gain		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	7.8	2.7	0.2	3.4	6.2	3.7	2.2	3.8	7.9	1.9	0.8	2.3
Function of Body Parts	8	4.4	2.5	0.4	3.0	3.3	2.4	1.1	2.7	3.9	2.7	1.0	2.0
Body Parts Total	18	12.2	4.6	0.6	5.5	9.6	5.3	3.2	5.7	11.8	4.0	1.8	3.6
Naming Forms	4	1.3	1.3	-0.1	1.4	0.8	1.3	0.8	1.3	2.3	1.0	-0.4	0.7
Recognizing Forms	4	1.8	1.4	0.3	1.7	1.5	1.4	0.5	1.7	1.9	1.5	0.9	2.2
Forms Total	8	3.1	2.4	0.2	2.5	2.3	2.3	1.3	2.6	4.1	2.4	0.5	2.6
Roles of Community Members	4	2.3	1.4	0.0	1.7	1.6	1.4	0.9	1.6	2.1	1.6	0.8	1.9
Matching by Form	9	4.5	1.9	0.2	2.5	4.1	2.1	0.1	2.4	4.4	2.4	-0.1	2.1
Matching by Position	3	1.1	0.9	0.0	1.2	1.0	0.9	0.1	1.1	0.8	1.2	0.3	1.0
Recognizing Letters	4	1.6	1.3	-0.1	1.5	1.3	1.1	0.2	1.6	1.6	1.1	0.6	0.9
Naming Letters	8	0.7	1.7	0.5	2.1	0.5	1.5	1.0	1.9	2.1	1.7	-0.5	2.4
Letter Sounds	4	0.3	0.9	0.1	1.1	0.2	0.5	0.1	0.8	1.6	1.5	-1.1	1.5
Initial Sounds	6	0.7	0.9	0.3	1.4	0.5	0.9	0.4	1.1	2.0	2.3	-0.6	1.5
Decoding	8	1.4	1.2	-0.2	1.9	1.2	1.1	0.2	1.5	2.6	2.1	0.0	2.4
Reading	9	1.3	1.4	0.2	1.6	1.0	0.9	0.4	1.2	2.3	2.4	-0.4	2.7
Left-Right Orientation	4	1.0	1.2	0.2	1.4	0.8	1.0	0.7	1.3	1.4	1.4	0.6	1.5
Alphabet (A to Z)	26	3.4	5.9	5.8	8.7	2.8	6.2	5.2	4.9	2.9	3.4	4.4	5.2
Pre-reading Total	48	9.3	6.1	1.2	6.8	7.7	5.1	3.0	5.9	15.9	11.5	-1.1	9.0
Recognizing Numbers	4	1.2	1.2	0.1	1.3	1.0	1.0	0.2	1.3	1.4	0.7	0.1	1.4
Naming Numbers	6	0.4	1.2	0.2	0.9	0.3	0.8	0.7	1.4	2.3	2.5	-1.5	2.4
Enumeration	7	2.4	2.0	1.3	2.4	2.2	1.9	1.8	2.2	2.6	1.5	1.3	1.6
Conservation	7	2.6	1.6	0.4	2.0	2.7	1.4	0.7	2.2	2.6	1.4	0.4	1.8
Counting Strategies	8	3.3	2.5	0.8	3.1	3.4	2.4	0.8	2.6	3.9	2.2	0.6	2.4
Number/Numeral Agreement	3	1.0	0.9	0.2	1.1	0.9	0.9	0.2	1.3	1.0	0.9	0.4	1.1
Addition & Subtraction	13	1.0	1.4	0.8	1.9	0.6	1.0	1.1	2.2	1.6	3.8	0.5	1.8
Counting (1-30)	30	5.3	6.7	5.7	7.8	5.0	8.1	6.0	7.5	5.3	4.5	3.5	7.3
Numbers Total	54	14.6	7.8	4.0	7.4	13.7	6.6	5.6	7.8	17.8	11.4	2.1	7.5
Relational Terms Total	17	9.4	3.7	0.4	3.8	7.7	3.5	2.9	3.9	10.0	3.8	1.9	3.6
Classification	15	4.6	3.5	-0.1	3.7	3.4	2.7	0.6	3.1	4.3	4.2	2.1	2.8
Double Classification	9	2.6	2.1	0.1	2.5	2.6	1.2	-0.1	1.9	2.6	1.6	0.8	2.6
Classification Total	24	7.2	5.1	-0.0	5.3	6.0	3.2	0.5	4.1	7.0	5.4	2.9	4.7
Sorting Total	16	5.1	3.2	-0.6	3.6	3.8	2.5	0.6	2.9	4.5	2.1	1.1	4.0
Parts of Whole Total	10	3.9	2.0	0.8	2.5	3.9	1.4	0.5	2.3	3.0	1.6	1.5	3.3
Emotions Total	8	3.5	2.4	1.2	3.3	4.3	2.2	0.8	2.9	3.8	1.8	1.8	2.3
Grand Total	214	74.4	29.0	7.8	26.9	64.0	25.2	19.8	25.8	83.1	38.0	13.9	25.0
Peabody Raw Score	---	27.3	13.3	2.5	12.0	22.0	10.1	5.3	10.7	27.4	15.7	-0.1	13.2
Peabody Mental Age in Months	---	37.4	14.6	1.2	13.1	32.3	8.4	4.4	11.0	37.9	14.8	-1.9	14.4
Chronological Age in Months	---	50.2	9.9	---	---	46.9	8.8	---	---	45.1	10.1	---	---

TABLE 33b

Pretest and Gain Scores for Encouraged Children in the New Study (by viewing groups) N = 130

Test and Subtest	Maximum Possible Score	Non-Viewers N = 9				H1 N = 43				H2 N = 78			
		Pretest		Gain		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	5.7	2.5	1.2	3.4	5.8	3.2	2.7	3.2	6.9	2.8	1.9	2.7
Function of Body Parts	8	3.0	2.5	1.8	1.4	3.2	2.5	2.1	2.5	3.6	2.5	2.1	2.7
Body Parts Total	18	8.7	4.6	3.0	4.4	9.0	5.3	4.7	4.6	10.5	4.8	4.0	4.6
Naming Forms	4	0.4	1.0	1.6	1.2	0.8	1.1	1.0	1.2	1.0	1.2	1.2	1.3
Recognizing Forms	4	1.9	1.4	0.6	2.1	1.7	1.3	0.6	1.7	1.7	1.4	0.7	1.5
Forms Total	8	2.3	2.0	2.1	3.0	2.4	1.9	1.6	2.4	2.7	2.2	1.8	2.2
Roles of Community Members	4	1.6	1.0	1.2	1.2	2.1	1.4	0.9	1.5	2.0	1.4	1.2	1.4
Matching by Form	9	3.4	2.0	0.7	2.1	3.7	2.0	1.0	2.3	4.0	1.7	1.3	1.9
Matching by Position	3	1.1	1.2	-0.4	1.3	0.9	0.8	0.3	1.3	1.2	1.0	0.1	1.1
Recognizing Letters	4	1.2	1.3	0.3	1.5	1.1	1.1	0.6	1.6	1.2	1.2	0.6	1.6
Naming Letters	8	0.3	0.5	0.3	1.4	0.5	1.2	1.7	2.5	0.6	1.5	1.6	2.3
Letter Sounds	4	0.1	0.3	0.0	0.5	0.1	0.6	0.4	1.0	0.2	0.7	0.7	1.4
Initial Sounds	6	1.1	1.3	0.2	2.0	0.9	1.3	0.3	1.3	1.0	1.4	0.4	1.7
Decoding	8	1.2	1.3	0.0	1.2	1.0	1.4	0.3	1.8	1.3	1.3	0.3	1.6
Reading	9	0.9	0.8	0.8	1.4	1.0	1.2	0.7	1.6	1.1	1.0	0.8	1.5
Left-Right Orientation	4	1.6	1.2	-0.2	1.8	1.3	1.0	0.8	1.6	1.3	1.1	0.7	1.7
Alphabet (A to Z)	26	3.1	4.1	3.2	3.5	4.3	6.3	5.1	6.9	5.5	7.6	7.2	8.0
Pre-reading Total	48	7.9	4.0	2.3	7.3	7.9	5.9	5.1	7.3	8.9	6.0	5.8	8.3
Recognizing Numbers	4	0.9	0.8	0.0	1.1	1.1	1.2	0.7	1.4	0.8	0.8	1.0	1.4
Naming Numbers	6	0.0	0.0	0.9	1.1	0.4	1.0	1.0	2.0	0.3	0.9	1.0	1.7
Enumeration	7	1.9	1.6	1.7	2.0	2.3	1.9	1.9	1.9	2.8	2.1	1.6	2.1
Conservation	7	1.4	0.9	0.7	1.4	2.6	1.5	0.6	2.1	2.5	1.6	1.1	2.0
Counting Strategies	8	3.1	2.9	0.6	2.8	3.6	2.6	1.1	3.1	4.0	2.4	1.6	2.6
Number/Numeral Agreement	3	1.1	1.3	0.0	1.3	0.8	0.9	0.4	1.3	1.0	1.1	0.5	1.2
Addition & Subtraction	13	0.6	1.3	1.2	1.9	1.0	1.5	1.2	1.9	1.3	2.0	1.2	2.0
Counting (1-30)	30	3.1	5.0	6.9	5.0	5.1	7.4	6.4	7.5	5.9	6.8	8.6	7.4
Numbers Total	54	11.3	7.4	5.3	9.2	14.1	8.5	7.3	9.0	15.3	8.3	8.6	8.5
Relational Terms Total	17	6.6	2.4	4.1	5.3	8.0	3.8	2.4	3.8	8.9	3.3	3.2	3.6
Classification	15	3.3	2.4	0.1	2.4	3.1	2.6	1.4	3.7	4.4	3.3	1.9	3.7
Double Classification	9	2.7	1.9	0.4	2.0	2.0	1.7	0.4	2.7	2.1	1.7	0.8	2.4
Classification Total	24	6.0	3.7	0.6	3.1	5.2	3.7	1.9	5.8	6.5	4.2	2.7	4.6
Sorting Total	16	2.4	2.1	2.3	4.0	3.6	2.9	1.5	3.6	3.8	2.5	2.5	3.2
Parts of Whole Total	10	3.2	1.1	0.4	2.4	3.7	2.1	0.5	2.6	4.0	1.9	1.2	2.2
Emotions Total	8	3.3	2.9	0.4	4.1	4.1	2.7	0.5	3.6	4.1	2.8	2.2	3.3
Grand Total	214	56.9	25.3	22.0	36.1	63.6	30.0	27.8	30.0	70.6	29.3	34.2	24.9
Peabody Raw Score	---	22.2	7.8	3.3	12.9	24.3	14.4	6.3	11.8	25.6	14.4	7.2	11.8
Peabody Mental Age in Months	---	31.7	4.6	2.6	9.9	35.2	15.0	4.4	13.5	36.7	18.1	5.1	15.6
Chronological Age in Months	---	44.9	6.8	---	---	49.1	11.3	---	---	50.9	9.8	---	---

TABLE 34a

Parent Questionnaire Scales for Not-Encouraged Children in the New Study by Viewing Groups

		Total		NV		H1		H2		
	Maximum Possible Score	Pre N = 149 Post N = 152 Mean	SD	Pre N = 96 Post N = 98 Mean	SD	Pre N = 45 Post N = 46 Mean	SD	Pre N = 8 Post N = 8 Mean	SD	P
Parents' Expectation										
Pre	50	38.6	5.3	38.4	5.3	38.8	5.8	39.6	2.6	ns
Post	50	37.6	4.5	37.6	4.5	37.2	4.8	40.0	3.8	ns
Child Affluence										
Pre	6	2.8	1.7	3.0	1.7	2.4	1.7	3.1	1.5	ns
Post	6	3.2	1.4	3.2	1.3	3.5	1.2	2.4	2.4	ns
Child Educational Uses										
Pre	21	5.8	3.3	5.9	3.2	5.1	3.2	7.9	2.5	ns
Post	21	6.0	2.9	6.0	2.5	5.8	3.5	7.6	3.5	ns
Parents' Affluence	14	8.7	2.4	8.5	2.6	9.1	2.0	9.0	2.3	ns
Years of Parents' Education	16	11.1	1.7	11.0	1.7	11.3	1.7	11.2	2.4	ns
School Expectation										
Pre	12	5.5	2.6	5.7	2.6	4.9	2.8	6.9	1.4	ns
Post	12	6.1	2.0	6.1	2.0	6.2	1.9	6.0	2.5	ns

TABLE 34b

Parent Questionnaire Scales for Encouraged Children in the New Study by Viewing Groups

		Total		NV		H1		H2		
	Maximum Possible Score	Pre N = 126 Post N = 130 Mean	SD	Pre N = 8 Post N = 9 Mean	SD	Pre N = 43 Post N = 43 Mean	SD	Pre N = 75 Post N = 78 Mean	SD	P
Parents' Expectation										
Pre	50	37.6	5.2	35.6	4.8	36.6	5.3	38.3	5.0	ns
Post	50	36.5	5.1	37.3	4.3	36.1	5.3	36.6	5.2	ns
Child Affluence										
Pre	6	2.8	1.6	2.5	1.5	2.8	1.6	2.8	1.6	ns
Post	6	3.1	1.5	2.8	.7	3.2	1.5	3.0	1.5	ns
Child Educational Uses										
Pre	21	5.7	2.9	3.5	2.3	5.5	2.9	6.0	2.8	.049
Post	21	6.2	3.1	3.8	3.1	6.3	3.5	6.4	2.8	.053
Parents' Affluence	14	8.7	1.9	8.0	2.1	8.3	2.0	9.0	1.8	ns
Years of Parents' Education	16	10.8	1.8	9.3	1.1	10.9	2.0	10.9	1.7	.039
School Expectation										
Pre	12	5.5	2.6	5.9	3.4	4.9	2.4	5.8	2.6	ns
Post	12	6.0	2.3	4.4	2.1	6.0	1.7	6.1	2.6	ns

TABLE 35a

Pretest and Gain Scores for Encouraged and Not-encouraged 3-year-olds

Test and Subtest	Maximum Possible Score	Not-encouraged N = 53				Encouraged N = 42			
		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	6.2	3.4	1.4	4.3	5.1	3.2	2.8	3.7
Function of Body Parts	8	3.1	2.4	0.8	2.9	2.5	2.0	1.8	2.9
Body Parts Total	18	9.3	5.0	2.3	6.2	7.5	4.6	4.6	5.7
Naming Forms	4	0.9	1.3	0.1	1.4	0.6	1.0	1.1	1.3
Recognizing Forms	4	1.5	1.4	0.4	1.9	1.3	1.1	0.8	1.5
Forms Total	8	2.5	2.4	0.5	2.6	1.9	1.5	1.9	2.2
Roles of Community Members	4	1.5	1.4	0.6	2.0	1.4	1.3	1.4	1.5
Matching by Form	9	3.8	2.4	0.2	3.0	3.0	1.6	1.7	1.9
Matching by Position	3	1.0	0.9	0.0	1.1	0.9	0.8	0.3	1.1
Recognizing Letters	4	1.2	1.1	0.1	1.5	0.6	0.8	1.1	1.5
Naming Letters	8	0.5	1.4	0.1	1.8	0.2	0.4	1.5	2.3
Letter Sounds	4	0.2	0.6	-0.0	0.7	0.0	0.2	0.6	1.0
Initial Sounds	6	0.6	0.9	0.2	1.1	0.7	1.1	0.5	1.4
Decoding	8	1.3	1.5	-0.1	2.0	1.1	1.2	0.5	1.5
Reading	9	1.1	1.7	0.3	1.8	0.8	0.8	0.9	1.5
Left-Right Orientation	4	0.8	1.0	0.2	1.3	1.0	0.9	0.8	1.8
Alphabet (A to Z)	26	1.8	3.5	4.8	6.2	2.8	4.7	5.1	6.4
Pre-reading Total	48	7.6	6.4	1.1	7.2	6.1	3.2	6.6	7.7
Recognizing Numbers	4	0.8	0.8	0.1	1.2	0.5	0.7	0.9	1.0
Naming Numbers	6	0.2	0.5	0.3	1.1	0.3	0.9	1.1	2.0
Enumeration	7	1.5	1.3	1.2	1.9	1.7	1.5	1.9	2.3
Conservation	7	2.5	1.6	0.6	2.1	2.1	1.5	1.0	2.1
Counting Strategies	8	2.4	2.3	0.9	2.6	2.5	2.4	2.0	3.1
Number/Numeral Agreement	3	0.7	0.7	0.2	1.1	0.7	1.0	0.7	1.4
Addition & Subtraction	13	0.4	0.7	0.6	1.9	0.5	1.0	1.2	1.7
Counting (1-30)	30	2.4	3.7	4.3	5.2	2.9	3.9	6.7	6.0
Numbers Total	54	11.0	5.0	3.9	7.6	10.3	5.9	9.7	9.6
Relational Terms Total	17	7.4	3.9	1.6	4.6	6.7	2.8	3.6	4.4
Classification	15	3.3	2.8	0.3	3.6	2.6	2.1	1.8	3.0
Double Classification	9	2.3	1.7	0.7	2.5	2.0	1.5	1.0	2.4
Classification Total	24	5.6	4.2	0.9	5.3	4.6	2.9	2.7	4.5
Sorting Total	16	3.7	2.5	0.3	3.2	3.0	1.9	1.9	2.3
Parts of Whole Total	10	3.1	1.6	1.1	2.5	3.5	1.8	0.9	2.5
Emotions Total	8	3.6	2.1	0.6	3.1	2.7	2.4	2.3	3.7
Grand Total	214	58.3	23.7	13.2	30.4	50.4	17.4	37.2	31.6
Peabody Raw Score	---	17.5	7.3	3.4	11.6	14.1	7.1	8.5	9.9
Peabody Mental Age in Months	---	28.9	4.5	2.6	9.6	27.0	4.1	5.6	7.2
Chronological Age in Months	---	39.1	2.5	---	---	38.5	2.5	---	---

TABLE 35b
Pretest and Gain Scores for Encouraged and Not-encouraged 4-year-olds

Test and Subtest	Maximum Possible Score	Not Encouraged N = 56				Encouraged N = 45			
		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	7.4	3.0	0.4	3.6	6.7	2.8	1.8	2.8
Function of Body Parts	8	3.7	2.4	0.4	3.2	3.3	2.6	2.5	2.5
Body Parts Total	18	11.1	4.8	0.8	6.1	9.9	5.0	4.3	4.0
Naming Forms	4	1.1	1.2	0.0	1.5	0.9	1.2	1.1	1.2
Recognizing Forms	4	1.8	1.3	0.1	1.6	1.6	1.4	0.9	1.6
Forms Total	8	2.9	2.1	0.1	2.5	2.5	2.2	2.0	2.3
Roles of Community Members	4	2.0	1.3	0.3	1.6	2.0	1.3	1.1	1.5
Matching by Form	9	4.2	1.4	0.3	1.7	3.8	2.0	0.8	2.0
Matching by Position	3	1.0	0.8	0.1	1.2	1.0	1.0	0.2	1.3
Recognizing Letters	4	1.3	1.1	0.2	1.6	1.5	1.3	0.0	1.7
Naming Letters	8	0.4	1.2	0.5	1.9	0.6	1.5	1.2	2.1
Letter Sounds	4	0.2	0.7	-0.0	0.7	0.2	0.7	0.5	1.3
Initial Sounds	6	0.7	1.0	0.2	1.3	1.2	1.6	0.2	1.7
Decoding	8	1.2	1.1	0.1	1.4	1.1	1.4	0.4	1.4
Reading	9	1.1	1.0	0.3	1.3	1.2	1.1	0.4	1.1
Left-Right Orientation	4	0.8	0.9	0.4	1.3	1.3	1.1	0.6	1.6
Alphabet (A to Z)	26	3.3	5.9	4.8	6.9	4.6	6.9	5.6	7.1
Pre-reading Total	48	7.9	4.7	1.8	5.5	9.0	6.8	3.8	7.7
Recognizing Numbers	4	1.0	1.0	0.2	1.3	0.9	1.0	0.6	1.5
Naming Numbers	6	0.4	1.2	0.1	1.3	0.2	0.8	0.9	1.4
Enumeration	7	2.2	1.6	1.4	2.3	2.4	2.0	2.1	1.9
Conservation	7	2.4	1.4	0.5	2.2	2.5	1.5	1.1	1.8
Counting Strategies	8	3.6	2.4	0.5	3.0	4.2	2.3	1.2	2.8
Number/Numeral Agreement	3	1.0	0.9	0.1	1.2	0.8	0.9	0.4	1.2
Addition & Subtraction	13	0.6	0.8	0.8	1.8	1.0	1.9	1.1	2.0
Counting (1-30)	30	4.9	6.5	4.9	6.3	5.6	7.6	7.8	6.2
Numbers Total	54	13.4	5.2	3.9	7.5	14.5	8.3	7.5	8.4
Relational Terms Total	17	8.9	3.2	1.0	3.8	8.6	3.6	3.0	3.7
Classification	15	3.7	2.6	0.6	3.1	4.0	3.3	1.4	3.5
Double Classification	9	2.4	1.5	-0.1	1.9	2.1	1.7	0.8	2.3
Classification Total	24	6.1	3.4	0.4	4.1	6.1	4.3	2.2	4.6
Sorting Total	16	4.6	2.5	-0.4	3.1	3.4	2.8	2.2	2.8
Parts of Whole Total	10	3.9	1.7	0.6	2.2	4.0	2.0	0.8	2.1
Emotions Total	8	3.8	2.4	0.6	3.0	4.8	2.9	1.0	3.5
Grand Total	214	68.2	21.7	9.5	25.2	68.2	32.2	29.0	25.9
Peabody Raw Score	---	25.2	10.2	3.5	11.5	25.9	13.8	5.2	12.7
Peabody Mental Age in Months	---	34.5	8.6	2.1	11.2	36.8	19.8	2.5	16.3
Chronological Age in Months	---	48.4	3.5	---	---	49.2	3.6	---	---

TABLE 35c
Pretest and Gain Scores for Encouraged and Not-encouraged 5-year-olds

Test and Subtest	Maximum Possible Score	Not Encouraged N = 44				Encouraged N = 43			
		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	8.8	2.1	0.7	2.3	7.6	2.2	1.7	2.2
Function of Body Parts	8	5.5	2.1	0.5	2.3	4.6	2.5	1.9	2.3
Body Parts Total	18	14.3	3.4	1.2	3.9	12.2	4.2	3.6	3.8
Naming Forms	4	1.6	1.5	0.3	1.2	1.2	1.3	1.2	1.3
Recognizing Forms	4	1.9	1.5	0.8	1.7	2.2	1.3	0.3	1.6
Forms Total	8	3.5	2.7	1.1	2.5	3.4	2.3	1.4	2.4
Roles of Community Members	4	2.9	1.1	0.0	1.5	2.7	1.3	0.9	1.2
Matching by Form	9	5.3	1.8	0.1	2.4	4.8	1.5	0.9	2.1
Matching by Position	3	1.3	0.9	0.0	1.2	1.5	0.9	-0.1	1.1
Recognizing Letters	4	2.2	1.3	-0.2	1.4	1.4	1.1	0.7	1.4
Naming Letters	8	1.3	2.2	1.2	2.4	0.9	1.7	1.8	2.6
Letter Sounds	4	0.7	1.3	0.2	1.6	0.2	0.9	0.6	1.4
Initial Sounds	6	0.8	1.2	0.4	1.6	1.0	1.3	0.3	1.8
Decoding	8	1.8	1.1	-0.3	2.2	1.3	1.4	-0.0	2.0
Reading	9	1.6	1.2	0.2	1.7	1.3	1.2	1.1	1.8
Left-Right Orientation	4	1.3	1.3	0.5	1.5	1.7	1.1	0.7	1.7
Alphabet (A to Z)	26	4.9	7.6	7.5	9.4	7.3	8.3	7.9	8.7
Pre-reading Total	48	12.5	7.1	2.1	7.5	10.4	5.9	5.6	8.2
Recognizing Numbers	4	1.8	1.2	-0.0	1.5	1.3	1.0	0.9	1.5
Naming Numbers	6	0.9	1.9	0.3	1.5	0.5	1.0	1.0	1.8
Enumeration	7	3.6	2.3	1.8	2.7	3.6	2.0	1.1	1.7
Conservation	7	3.0	1.6	0.3	1.8	2.8	1.6	0.7	2.1
Counting Strategies	8	4.2	2.3	1.0	3.2	4.7	2.3	0.9	2.5
Number/Numeral Agreement	3	1.2	1.0	0.4	1.1	1.3	1.0	0.2	1.1
Addition & Subtraction	13	2.0	2.3	1.3	2.1	1.9	2.0	1.3	2.2
Counting (1-30)	30	8.9	8.9	8.4	10.6	7.8	7.6	8.6	9.4
Numbers Total	54	19.9	9.7	5.6	7.6	19.0	8.3	6.7	7.9
Relational Terms Total	17	10.9	3.1	0.9	3.4	10.1	3.2	2.5	3.2
Classification	15	6.0	4.2	-0.3	3.9	5.0	3.2	1.7	4.3
Double Classification	9	3.3	2.2	-0.4	2.6	2.3	1.8	0.3	2.7
Classification Total	24	9.3	5.7	-0.7	5.4	7.3	4.3	2.0	5.7
Sorting Total	16	5.9	3.6	-0.5	4.1	4.5	2.8	2.3	4.0
Parts of Whole Total	10	4.7	1.9	0.7	2.7	4.1	2.0	1.0	2.5
Emotions Total	8	3.9	2.6	2.2	3.0	4.7	2.6	1.4	3.2
Grand Total	214	92.5	30.8	12.9	24.9	82.9	27.2	27.7	24.5
Peabody Raw Score	---	36.4	13.1	2.7	12.4	34.6	11.8	6.3	12.5
Peabody Mental Age in Months	---	46.1	18.0	1.1	17.0	43.6	16.3	6.1	17.7
Chronological Age in Months	---	61.5	5.2	---	---	61.7	5.3	---	---

TABLE 36a

Parent Questionnaire Scales for Encouraged and Not-encouraged 3-year-olds

		Not-encouraged		Encouraged		
	Maximum Possible Score	Pretest N = 52 Posttest N = 53 Mean	SD	Pretest N = 40 Posttest N = 42 Mean	SD	P
Parents' Expectation						
Pre	50	39.1	4.9	37.6	5.4	ns
Post	50	37.4	4.2	36.0	4.8	ns
Child Affluence						
Pre	6	2.7	1.7	3.4	1.6	.031
Post	6	3.4	1.4	3.2	1.5	ns
Child Educational Uses						
Pre	21	5.9	3.7	5.5	2.8	ns
Post	21	6.2	3.0	5.8	2.2	ns
Parents' Affluence	14	8.7	2.5	8.8	1.9	ns
Years of Parents' Education	16	11.5	1.5	11.2	1.9	ns
School Expectation						
Pre	12	5.7	2.8	5.1	2.4	ns
Post	12	6.3	2.2	5.3	2.3	.036

TABLE 36b

Parent Questionnaire Scales for Encouraged and Not-encouraged 4-year-olds

		Not-encouraged		Encouraged		
	Maximum Possible Score	Pretest N = 55 Posttest N = 56 Mean	SD	Pretest N = 45 Posttest N = 45 Mean	SD	P
Parents' Expectation						
Pre	50	38.1	5.4	38.1	5.3	ns
Post	50	37.4	4.6	35.8	4.1	ns
Child Affluence						
Pre	6	2.9	1.7	2.3	1.5	ns
Post	6	3.1	1.4	2.7	1.4	ns
Child Educational Uses						
Pre	21	5.3	2.5	5.4	3.0	ns
Post	21	5.5	2.7	5.9	3.5	ns
Parents' Affluence	14	8.7	2.5	9.0	1.6	ns
Years of Parents' Education	16	11.0	1.8	10.8	1.9	ns
School Expectation						
Pre	12	5.3	2.6	5.8	3.0	ns
Post	12	6.0	1.7	6.2	2.3	ns

TABLE 36c

Parent Questionnaire Scales for Encouraged and Not-encouraged 5-year-olds

		Not-encouraged		Encouraged		
	Maximum Possible Score	Pretest N = 42 Posttest N = 43 Mean	SD	Pretest N = 41 Posttest N = 43 Mean	SD	P
Parents' Expectation						
Pre	50	38.6	5.8	36.9	4.8	ns
Post	50	38.2	5.0	37.7	6.2	ns
Child Affluence						
Pre	6	3.0	1.7	2.7	1.5	ns
Post	6	3.2	1.3	3.3	1.5	ns
Child Educational Uses						
Pre	21	6.1	3.5	6.2	2.8	ns
Post	21	6.4	3.0	6.8	3.3	ns
Parents' Affluence	14	8.7	2.1	8.2	2.1	ns
Years of Parents' Education	16	10.8	1.8	10.5	1.5	ns
School Expectation						
Pre	12	5.5	2.6	5.5	2.3	ns
Post	12	6.1	2.0	6.3	2.4	ns

TABLE 37a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 3-year-olds

		P		Pretest Questionnaire*		Posttest Questionnaire*	
		Pre	Post	Not-encouraged N = 52	Encouraged N = 40	Not-encouraged N = 53	Encouraged N = 42
How child spends time at home.	Watches TV	ns	ns	81%	65%	74%	67%
	Plays with mother	ns	ns	71	73	43	50
	Follows mother	ns	ns	65	65	55	48
	Plays by himself	ns	ns	56	55	92	95
	Plays with children	ns	ns	92	90	40	29
What mother usually does with child.	Plays with him	ns	ns	94	73	83	76
	Reads to him	ns	ns	67	28	60	60
	Does housework	ns	ns	75	60	60	48
	Watches TV	ns	ns	29	23	36	40
	Watches TV with him	ns	ns	87	78	81	86
	Reads by herself	ns	ns	15	18	21	21
How often child uses art things at home.	Never	ns	ns	4	5	0	0
	Less than once a week			6	3	13	0
	Once a week			10	13	23	38
	Several times a week			44	50	40	36
	Once a day			33	25	13	19
	Don't know			4	5	9	7
How often child is read to.	Never	ns	ns	10	3	0	0
	Less than once a week			8	5	11	7
	Once a week			21	20	21	33
	Several times a week			29	40	40	31
	Once a day			23	25	21	19
	Don't know			10	8	8	10

ns = not statistically significant

Probabilities in parenthesis should be interpreted with caution since they were computed on small expected cell frequencies.

* Responses do not always total 100% because of some incomplete questionnaires.

** Question not asked in this questionnaire.

TABLE 37a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 3-year-olds

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 52	Encouraged N = 40	Not-encouraged N = 53	Encouraged N = 42
Grade mother would like child to complete.	8 or less	ns	ns	0%	0%	2%	0%
	Some High School			0	3	2	0
	High School			4	18	28	29
	Some College			27	20	32	24
	College or beyond			65	58	34	40
	Other			0	0	0	0
	Don't know			2	0	2	7
Grade mother thinks child will complete.	8 or less	ns	ns	0	0	0	0
	Some High School			4	8	9	2
	High School			37	50	49	50
	Some College			29	10	28	24
	College or beyond			8	18	4	5
	Other			0	3	0	0
	Don't know			21	13	9	19
Do most children have to be forced to learn?	Almost all the time	ns	ns	4	0	6	0
	Most of the time			19	8	11	19
	Sometimes			62	70	74	67
	Never			15	20	9	14
Does your child have to be forced to learn?	Almost all the time	ns	ns	6	0	2	0
	Most of the time			10	5	13	14
	Sometimes			60	65	74	71
	Never			23	28	11	14
Can mother do anything to improve schools?	Yes	ns	ns	42	38	40	40
	No			12	15	11	7
	Don't know			46	45	49	52

TABLE 37a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 3-year-olds

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 52	Encouraged N = 40	Not-encouraged N = 53	Encouraged N = 42
Hours child watched TV yesterday.	6 or more 4 - 5 2 - 3 Less than 2 None	ns		8% 29 33 27 4	8% 18 33 28 13	8% 34 42 9 6	7% 19 52 12 10
Kind of TV set child watches.	Black and white Color	(.025)	ns	65 29	85 10	74 23	67 31
Employment of male in household.	35 hours a week or or more 10 - 35 hours Less than 10 hours Other	ns		48 10 6 37	50 3 3 45	**	
Number of rooms in house.	1 - 2 3 - 4 5 - 6 7 - 8 Over 8	(.05)		4 52 37 6 2	3 20 68 8 3	**	
Number of people living in house.	1 - 2 3 - 4 5 - 6 7 - 8 Over 8	ns		0 31 37 19 12	3 15 25 20 1[illegible]	**	
Mother watches Sesame Street with child.	Almost always Usually Sometimes Hardly ever No Sesame Street			**		2 9 8 13 68	10 5 40 33 12

TABLE 37a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 3-year-olds

		P		Pretest Questionnaire	Posttest Questionnaire	
		Pre	Post		Not-encouraged N = 53	Encouraged N = 42
Mother and child talk about Sesame Street.	Almost always			**	4%	5%
	Usually				8	12
	Sometimes		ns		11	45
	Hardly ever				11	26
	No Sesame Street				66	12
Child plays games based on Sesame Street.	Almost always			**	0	0
	Usually				2	2
	Sometimes		ns		8	33
	Hardly ever				11	12
	Don't know				13	40
	No Sesame Street				66	12
How helpful Sesame Street is for child.	Not at all			**	0	0
	Somewhat				8	43
	Very		ns		23	43
	Don't know				4	2
	No Sesame Street				66	12

TABLE 37b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 4-year-olds

		P		Pretest Questionnaire*		Posttest Questionnaire*	
		Pre	Post	Not-encouraged N = 55	Encouraged N = 45	Not-encouraged N = 56	Encouraged N = 45
How child spends time at home.	Watches TV	.02	ns	89%	69%	82%	91%
	Plays with mother	ns	ns	78	64	64	69
	Follows mother	ns	ns	62	53	54	58
	Plays by himself	ns	ns	55	47	63	62
	Plays with children	ns	ns	87	89	88	91
What mother usually does with child.	Plays with him	ns	ns	85	73	86	73
	Reads to him	ns	ns	67	56	66	53
	Does housework	ns	ns	69	62	70	56
	Watches TV	ns	ns	31	33	38	40
	Watches TV with him	ns	ns	80	71	77	84
	Reads by herself	ns	ns	29	29	23	38
How often child uses art things at home.	Never	ns	ns	4	2	0	0
	Less than once a week			5	7	4	7
	Once a week			11	7	20	36
	Several times a week			36	33	45	36
	Once a day			44	44	23	18
	Don't know			0	4	5	4
How often child is read to.	Never	ns	(.05)	9	9	0	0
	Less than once a week			11	2	7	16
	Once a week			16	20	23	49
	Several times a week			31	36	41	22
	Once a day			25	24	18	7
	Don't know			7	7	9	7

ns = not statistically significant

Probabilities in parenthesis should be interpreted with caution since they were computed on small expected cell frequencies.

*Responses do not always total 100% because of some incomplete questionnaires.

**Question not asked in this questionnaire.

TABLE 37b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 4-year-olds

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 55	Encouraged N = 45	Not-encouraged N = 56	Encouraged N = 45
Grade mother would like child to complete.	8 or less	ns	(.025)	0%	0%	0%	0%
	Some High School			0	0	0	0
	High School			9	18	23	44
	Some College			20	29	25	33
	College or beyond			69	53	50	18
	Other			0	0	0	0
	Don't know			0	0	2	4
Grade mother thinks child will complete.	8 or less	ns	ns	0	0	0	0
	Some High School			5	2	4	2
	High School			36	58	45	56
	Some College			27	16	34	27
	College or beyond			15	18	11	2
	Other			0	0	0	0
	Don't know			16	7	7	13
Do most children have to be forced to learn?	Almost all the time	ns	ns	2	4	5	7
	Most of the time			7	9	9	22
	Sometimes			76	62	75	53
	Never			15	24	9	18
Does your child have to be forced to learn?	Almost all the time	ns	ns	2	0	2	9
	Most of the time			11	7	13	18
	Sometimes			67	58	64	56
	Never			20	29	21	18
Can mother do anything to improve schools?	Yes	ns	ns	24	31	41	42
	No			16	13	11	9
	Don't know			60	56	48	49

TABLE 37b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 4-year-olds

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 55	Encouraged N = 45	Not-encouraged N = 56	Encouraged N = 45
Hours child watched TV yesterday.	6 or more	ns	ns	5%	7%	5%	9%
	4 - 5			33	20	23	18
	2 - 3			31	44	46	38
	Less than 2			18	13	18	29
	None			13	16	5	7
Kind of TV set child watches.	Black and white	ns	ns	78	73	70	73
	Color			18	27	21	27
Employment of male in household.	35 hours a week or or more	ns		40	53	**	
	10 - 35 hours			5	7		
	Less than 10 hours			2	0		
	Other			44	40		
Number of rooms in house.	1 - 2	ns		4	4	**	
	3 - 4			40	38		
	5 - 6			42	51		
	7 - 8			7	4		
	Over 8			5	2		
Number of people living in house.	1 - 2	ns		0	0	**	
	3 - 4			29	20		
	5 - 6			31	38		
	7 - 8			25	20		
	Over 8			13	22		
Mother watches Sesame Street with child.	Almost always		ns	**		4	11
	Usually					7	16
	Sometimes					9	38
	Hardly ever					9	20
	No Sesame Street					71	16

TABLE 37b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 4-year-olds

		P		Pretest Questionnaire	Posttest Questionnaire	
		Pre	Post		Not-encouraged N = 56	Encouraged N = 45
Mother and child talk about Sesame Street.	Almost always			**	4%	7%
	Usually				7	18
	Sometimes		ns		11	40
	Hardly ever				7	22
	No Sesame Street				71	13
Child plays games based on Sesame Street.	Almost always			**	5	4
	Usually				0	2
	Sometimes		ns		11	29
	Hardly ever				7	29
	Don't know				7	22
	No Sesame Street				70	13
How helpful Sesame Street is for child.	Not at all			**	0	0
	Somewhat				5	36
	Very		ns		20	44
	Don't know				5	7
	No Sesame Street				70	13

TABLE 37c

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 5-year-olds

		P		Pretest Questionnaire*		Posttest Questionnaire*	
		Pre	Post	Not-encouraged N = 42	Encouraged N = 41	Not-encouraged N = 43	Encouraged N = 43
How child spends time at home.	Watches TV	ns	ns	90%	95%	86%	77%
	Plays with mother	ns	ns	71	71	53	98
	Follows mother	ns	ns	48	39	28	72
	Plays by himself	.05	ns	55	34	56	42
	Plays with children	ns	ns	93	100	88	47
What mother usually does with child.	Plays with him	ns	ns	81	83	67	70
	Reads to him	ns	ns	69	83	63	60
	Does housework	ns	.05	76	78	77	60
	Watches TV	ns	ns	21	22	23	33
	Watches TV with him	ns	ns	86	93	74	84
	Reads by herself	ns	ns	26	20	14	16
How often child uses art things at home.	Never	ns	ns	2	5	0	2
	Less than once a week			2	0	2	9
	Once a week			14	10	14	21
	Several times a week			40	46	60	51
	Once a day			38	37	21	16
	Don't know			2	2	2	0
How often child is read to.	Never	ns	ns	2	0	0	5
	Less than once a week			14	2	7	16
	Once a week			14	32	23	21
	Several times a week			38	34	51	44
	Once a day			24	27	14	49
	Don't know			7	5	5	5

ns = not statistically significant.

Probabilities in parenthesis should be interpreted with caution since they were computed on small expected cell frequencies.

* Responses do not always total 100% because of some incomplete questionnaires.

** Question not asked in this questionnaire.

TABLE 37c

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 5-year-olds

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 42	Encouraged N = 41	Not-encouraged N = 43	Encouraged N = 43
Grade mother would like child to complete.	8 or less	ns	ns	0	2	0	0
	Some High School			0	0	2	0
	High School			14	24	26	30
	Some College			12	22	16	21
	College or beyond			74	49	53	49
	Other			0	0	0	0
	Don't know			0	0	2	0
Grade mother thinks child will complete.	8 or less	ns	ns	2	5	0	0
	Some High School			5	5	5	5
	High School			55	63	51	56
	Some College			21	10	21	28
	College or beyond			12	5	9	7
	Other			0	0	0	0
	Don't know			5	12	14	5
Do most children have to be forced to learn?	Almost all the time	ns	ns	5	2	0	7
	Most of the time			14	15	19	19
	Sometimes			67	56	70	60
	Never			14	27	9	14
Does your child have to be forced to learn?	Almost all the time	ns	ns	7	5	5	9
	Most of the time			7	10	12	14
	Sometimes			57	59	67	63
	Never			26	24	16	14
Can mother do anything to improve schools?	Yes	ns	(.02)	21	37	26	56
	No			14	10	16	5
	Don't know			64	54	58	40

TABLE 37c

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 5-year-olds

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 42	Encouraged N = 41	Not-encouraged N = 43	Encouraged N = 43
Hours child watched TV yesterday.	6 or more 4 - 5 2 - 3 Less than 2 None	ns	ns	7% 31 26 21 14	15% 15 32 27 12	12% 16 33 33 5	9% 28 21 35 7
Kind of TV set child watches.	Black and white Color	ns	ns	74 24	80 15	86 12	77 19
Employment of male in household.	35 hours a week or or more 10 - 35 hours Less than 10 hours Other	(.05)		45 2 10 43	68 0 0 32	**	
Number of rooms in house.	1 - 2 3 - 4 5 - 6 7 - 8 Over 8	ns		0 48 33 10 5	5 44 37 12 2	**	
Number of people living in house.	1 - 2 3 - 4 5 - 6 7 - 8 Over 8	ns		2 19 33 24 12	0 29 37 20 12	**	
Mother watches Sesame Street with child.	Almost always Usually Sometimes Hardly ever No Sesame Street		ns	**		0 0 5 7 88	14 12 58 12 5

TABLE 37c

Selected Parent Questionnaire Items for Encouraged and Not-encouraged 5-year-olds

		P		Pretest Questionnaire	Posttest Questionnaire	
		Pre	Post		Not-encouraged N = 43	Encouraged N = 43
Mother and child talk about Sesame Street.	Almost always			**	0%	9%
	Usually				2	16
	Sometimes		ns		5	51
	Hardly ever				5	19
	No Sesame Street				88	5
Child plays games based on Sesame Street.	Almost always			**	0	2
	Usually				0	7
	Sometimes				5	47
	Hardly ever		ns		5	21
	Don't know				2	19
	No Sesame Street				88	5
How helpful Sesame Street is for child.	Not at all			**	0	2
	Somewhat				5	26
	Very		ns		7	65
	Don't know				0	2
	No Sesame Street				88	5

TABLE 38

Pretest and Gain Scores for Encouraged and Not-encouraged Girls and Boys

Test and Subtest	Maximum Possible Score	Girls: Not-encouraged N=82 Pretest Mean	Pretest SD	Gain Mean	Gain SD	Girls: Encouraged N=73 Pretest Mean	Pretest SD	Gain Mean	Gain SD	Boys: Not-encouraged N=71 Pretest Mean	Pretest SD	Gain Mean	Gain SD	Boys: Encouraged N=57 Pretest Mean	Pretest SD	Gain Mean	Gain SD
Naming Body Parts	10	7.2	3.3	1.0	3.5	6.7	2.9	2.1	3.0	7.5	2.8	0.6	3.7	6.2	3.0	2.1	3.0
Function of Body Parts	8	3.8	2.5	1.0	2.8	3.5	2.5	2.5	2.5	4.3	2.4	0.2	2.9	3.4	2.6	1.5	2.5
Body Parts Total	18	11.1	5.1	2.0	5.2	10.2	4.9	4.6	4.6	11.8	4.7	0.8	6.0	9.6	5.0	3.6	4.5
Naming Forms	4	1.2	1.4	0.2	1.3	1.0	1.3	1.1	1.2	1.3	1.3	0.1	1.5	0.8	1.1	1.2	1.4
Recognizing Forms	4	1.8	1.4	0.4	1.9	1.7	1.3	0.7	1.6	1.7	1.4	0.3	1.6	1.7	1.4	0.6	1.5
Forms Total	8	2.9	2.5	0.6	2.6	2.7	2.2	1.8	2.3	2.9	2.3	0.5	2.5	2.4	2.0	1.8	2.4
Roles of Community Members	4	2.0	1.4	0.3	1.4	2.0	1.3	1.2	1.4	2.2	1.5	0.4	2.1	2.0	1.4	1.0	1.5
Matching by Form	9	4.6	2.1	0.1	2.5	3.8	1.8	1.3	1.9	4.1	1.9	0.2	2.4	3.9	1.9	1.0	2.2
Matching by Position	3	1.1	0.9	0.2	1.2	1.2	0.9	0.2	1.2	1.1	0.8	-0.1	1.1	1.0	1.0	0.2	1.3
Recognizing Letters	4	1.7	1.2	-0.1	1.5	1.2	1.1	0.6	1.6	1.4	1.2	0.2	1.5	1.2	1.2	0.5	1.5
Naming Letters	8	0.8	1.8	0.3	1.9	0.4	1.1	1.7	2.4	0.6	1.5	0.9	2.2	0 7	1.6	1.3	2.3
Letter Sounds	4	0.4	1.0	-0.0	1.1	0.1	0.5	0.6	1.2	0.3	0.8	0.1	1.0	0.2	0.8	0.5	1.3
Initial Sounds	6	0.8	1.0	0.3	1.3	1.1	1.4	0.3	1.8	0.6	1.0	0.2	1.4	0.9	1.3	0.5	1.4
Decoding	8	1.3	1.3	0.1	1.9	1.3	1.4	0.2	1.8	1.5	1.2	-0.2	1.8	1.0	1.1	0.4	1.3
Reading	9	1.3	1.2	0.2	1.5	1.1	1.1	0.8	1.6	1.2	1.5	0.4	1.7	1.1	1.0	0.8	1.4
Left-Right Orientation	4	1.1	1.2	0.5	1.4	1.5	1.1	0.6	1.5	0.8	1.0	0.3	1.4	1.2	1.1	0.8	1.8
Alphabet (A to Z)	26	3.8	6.6	6.5	8.2	5.9	7.3	6.2	8.0	2.5	4.9	4.4	6.5	3.6	6.4	6.3	6.8
Pre-reading Total	48	9.7	6.6	1.1	6.2	8.6	5.5	5.3	8.4	8.5	6.1	2.2	7.2	8.4	6.3	5.3	7.4
Recognizing Numbers	4	1.1	1.2	0.2	1.3	1.0	0.9	0.7	1.3	1.2	1.0	0.1	1.3	0.8	1.0	0.9	1.4
Naming Numbers	6	0.6	1.4	0.0	1.3	0.3	0.8	1.0	1.7	0.3	1.0	0.5	1.2	0.4	1.0	1.0	1.8
Enumeration	7	2.5	2.1	1.4	2.3	2.5	2.0	1.7	2.0	2.1	1.7	1.5	2.4	2.5	2.0	1.7	2.1
Conservation	7	2.7	1.5	0.4	1.9	2.2	1.5	1.3	2.1	2.5	1.6	0.6	2.2	2 8	1.6	0.5	1.8
Counting Strategies	8	3.4	2.5	0.8	2.7	3.8	2.5	1.4	2.9	3.3	2.4	0.8	3.2	3.9	2.6	1.4	2.7
Number/Numeral Agreement	3	1.0	0.9	0.1	1.1	1.0	1.0	0.4	1.2	0.9	0.9	0.4	1.3	0.9	1.0	0.5	1.3
Addition & Subtraction	13	1.1	1.7	0.7	1.9	1.2	1.9	1.2	2.1	0.7	1.3	1.1	2.1	1.1	1.7	1.2	1.8
Counting (1-30)	30	6.3	7.7	5.0	7.7	5.7	6.4	8.0	7.0	3.9	5.9	6.4	7.5	5.1	7.5	7.4	7.9
Numbers Total	54	15.2	8.0	4.0	6.9	14.4	8.5	8.3	9.1	13.6	7.1	4.8	8.3	14.9	8.2	7.6	8.1
Relational Terms Total	17	9.2	3.8	1.0	3.8	8.4	3.6	3.4	3.8	8.7	3.6	1.4	4.2	8.5	3.4	2.6	3.8
Classification	15	4.5	3.5	0.3	3.7	4.1	3.3	1.6	4.1	3.9	3.2	0.1	3.4	3.6	2.8	1.6	3.0
Double Classification	9	2.6	1.7	0.2	2.2	2.2	1.7	0.7	2.6	2.6	2.0	-0.1	2.5	2.1	1.7	0.6	2.3
Classification Total	24	7.1	4.6	0.5	4.9	6.3	4.3	2.4	5.5	6.5	4.7	0.0	5.0	5.7	3.8	2.2	4.3
Sorting Total	16	4.9	2.9	-0.5	3.2	3.5	2.7	2.3	3.4	4.4	3.0	0.2	3.7	3.9	2.5	2.0	3.4
Parts of Whole Total	10	3.9	1.9	0.8	2.5	4.0	1.9	0.9	2.3	3.8	1.7	0.7	2.4	3.7	2.0	0.9	2.4
Grand Total	214	73.9	29.9	11.1	25.0	68.5	29.6	32.3	29.1	69.2	27.4	12.5	29.1	65.8	29.4	29.8	25.6
Peabody Raw Score	---	26.5	13.2	2.5	11.5	26.2	12.9	5.5	11.8	24.9	12.2	4.0	12.0	23.4	15.2	8.2	11.7
Peabody Mental Age in Months	---	36.6	13.2	1.3	12.6	36.4	14.8	4.1	14.7	35.1	13.2	2.8	12.7	35.2	18.5	5.5	14.5
Chronological Age in Months	---	49.2	9.7	---	---	50.4	10.0	---	---	48.6	9.6	---	---	49.3	10.5	---	---

TABLE 39a

Parent Questionnaire Scales for Encouraged and Not-encouraged Girls

		Not-encouraged		Encouraged		
	Maximum Possible Score	Pretest N = 80 Posttest N = 81 Mean	SD	Pretest N = 71 Posttest N = 73 Mean	SD	P
Parents' Expectation						
Pre	50	39.9	5.8	37.3	5.1	ns
Post	50	38.0	4.6	36.9	5.4	ns
Child Affluence						
Pre	6	2.9	1.8	3.0	1.5	ns
Post	6	3.0	1.6	3.1	1.5	ns
Child Educational Uses						
Pre	21	5.5	3.5	6.1	2.9	ns
Post	21	5.7	3.1	6.3	2.9	ns
Parents' Affluence	14	8.5	2.6	8.8	2.0	ns
Years of Parents' Education	16	11.0	1.9	10.9	1.8	ns
School Expectation						
Pre	12	5.8	2.4	5.8	2.8	ns
Post	12	6.1	2.1	6.2	2.5	ns

TABLE 39b

Parent Questionnaire Scales for Encouraged and Not-encouraged Boys

		Not-encouraged		Encouraged		
	Maximum Possible Score	Pretest N = 69 Posttest N = 71 Mean	SD	Pretest N = 55 Posttest N = 57 Mean	SD	P
Parents' Expectation						
Pre	50	38.1	4.8	37.9	5.3	ns
Post	50	37.2	4.5	36.0	4.7	ns
Child Affluence						
Pre	6	2.8	1.7	2.5	1.7	ns
Post	6	3.4	1.1	3.1	1.4	ns
Child Educational Uses						
Pre	21	6.0	2.9	5.1	2.7	ns
Post	21	6.4	2.7	6.0	3.4	ns
Parents' Affluence	14	8.9	2.2	8.6	1.7	ns
Years of Parents' Education	16	11.2	1.5	10.6	1.7	ns
School Expectation						
Pre	12	5.1	2.8	5.1	2.3	ns
Post	12	6.2	1.8	5.6	2.1	ns

TABLE 40a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Girls

		P		Pretest Questionnaire*		Posttest Questionnaire*	
		Pre	Post	Not-encouraged N = 80	Encouraged N = 71	Not-encouraged N = 81	Encouraged N = 73
How child spends time at home.	Watches TV	ns	ns	85%	75%	88%	90%
	Plays with mother	ns	ns	74	72	60	68
	Follows mother	ns	ns	63	51	42	42
	Plays by himself	ns	ns	51	41	57	47
	Plays with children	ns	ns	91	90	93	95
What mother usually does with child.	Plays with him	ns	ns	84	80	77	73
	Reads to him	ns	ns	64	66	62	60
	Does housework	ns	ns	79	70	72	63
	Watches TV	ns	ns	26	25	32	38
	Watches TV with him	ns	ns	86	82	72	79
	Reads by herself	ns	ns	24	24	14	14
How often child uses art things at home.	Never	ns	ns	4	6	0	0
	Less than once a week			6	3	7	4
	Once a week			11	10	20	32
	Several times a week			43	45	46	42
	Once a day			33	34	17	21
	Don't know			4	3	6	1
How often child is read to.	Never	ns	ns	9	3	0	0
	Less than once a week			10	1	11	14
	Once a week			19	24	16	37
	Several times a week			33	37	18	32
	Once a day			20	27	16	12
	Don't know			10	8	7	5

ns = not statistically significant

*Responses do not always total 100% because of some incomplete questionnaires.

**Question not asked in this questionnaire.

TABLE 40a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Girls

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 80	Encouraged N = 71	Not-encouraged N = 81	Encouraged N = 73
Grade mother would like child to complete.	8 or less	ns	ns	0%	1%	0%	0%
	Some High School			0	0	1	0
	High School			10	23	23	29
	Some College			21	21	23	27
	College or beyond			66	54	51	41
	Other			0	0	0	0
	Don't know			0	0	1	3
Grade mother thinks child will complete.	8 or less	ns	ns	0	1	0	0
	Some High School			6	6	7	1
	High School			45	55	41	55
	Some College			26	15	31	26
	College or beyond			13	13	10	3
	Other			0	0	0	0
	Don't know			10	10	11	15
Do most children have to be forced to learn?	Almost all the time	ns	ns	4	4	4	4
	Most of the time			13	10	10	18
	Sometimes			68	55	77	60
	Never			16	30	10	18
Does your child have to be forced to learn?	Almost all the tim	ns	ns	6	1	4	4
	Most of the time			9	6	11	16
	Sometimes			58	54	70	62
	Never			28	35	15	18
Can mother do anything to improve schools?	Yes	ns	ns	29	34	38	41
	No			16	13	9	4
	Don't know			55	52	53	55

TABLE 40a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Girls

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 80	Encouraged N = 71	Not-encouraged N = 81	Encouraged N = 73
Hours child watched TV yesterday.	6 or more	ns	ns	9%	11%	6%	7%
	4 - 5			28	15	28	23
	2 - 3			30	31	40	32
	Less than 2			21	27	20	30
	None			13	15	5	8
Kind of TV set child watches.	Black and white	ns	ns	68	73	79	73
	Color			28	23	19	25
Employment of male in household.	35 hours a week or or more	ns		55	58	**	
	10 - 35 hours			6	1		
	Less than 10 hours			6	1		
	Other			33	39		
Number of rooms in house.	1 - 2	ns		5	6	**	
	3 - 4			45	34		
	5 - 6			38	54		
	7 - 8			8	4		
	Over 8			3	3		
Number of people living in house.	1 - 2			1	1	**	
	3 - 4			26	25		
	5 - 6			34	45		
	7 - 8			24	17		
	Over 8			11	10		
Mother watches Sesame Street with child.	Almost always		ns	**		2	12
	Usually					2	10
	Sometimes					11	45
	Hardly ever					14	21
	No Sesame Street					70	12

TABLE 40a

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Girls

		P		Pretest Questionnaire	Posttest Questionnaire	
		Pre	Post		Not-encouraged N = 81	Encouraged N = 73
Mother and child talk about Sesame Street.	Almost always			**	2%	8%
	Usually				2	16
	Sometimes		ns		14	44
	Hardly ever				11	21
	No Sesame Street				70	11
Child plays games based on Sesame Street.	Almost always			**	2	3
	Usually				0	5
	Sometimes				6	33
	Hardly ever		ns		12	21
	Don't know				9	27
	No Sesame Street				70	11
How helpful Sesame Street is for child.	Not at all			**	0	1
	Somewhat				10	38
	Very		ns		17	45
	Don't know				2	4
	No Sesame Street				70	11

TABLE 40b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Boys

		P		Pretest Questionnaire*		Posttest Questionnaire*	
		Pre	Post	Not-encouraged N = 169	Encouraged N = 55	Not-encouraged N = 71	Encouraged N = 57
How child spends time at home.	Watches TV	ns	ns	88%	78%	82%	91%
	Plays with mother	ns	ns	74	65	69	70
	Follows mother	ns	ns	55	54	44	60
	Plays by himself	ns	ns	59	51	59	60
	Plays with children	ns	ns	90	96	86	93
What mother usually does with child.	Plays with him	ns	ns	91	80	83	74
	Reads to him	ns	ns	72	75	65	54
	Does housework	ns	.02	67	62	65	44
	Watches TV	ns	ns	29	27	34	37
	Watches TV with him	ns	ns	78	81	85	91
	Reads by herself	ns	ns	20	23	27	32
How often child uses art things at home.	Never	ns	ns	3	2	0	2
	Less than once a week			3	4	6	7
	Once a week			12	9	18	32
	Several times a week			38	40	49	39
	Once a day			45	38	21	14
	Don't know			0	5	6	7
How often child is read to.	Never	ns	ns	6	5	0	4
	Less than once a week			12	5	6	12
	Once a week			16	24	30	32
	Several times a week			32	36	38	33
	Once a day			29	24	20	11
	Don't know			6	4	7	9

ns = not statistically significant

* Probabilities in parenthesis should be interpreted with caution since they were computed on small expected cell frequencies.

Responses do not always total 100% because of some incomplete questionnaires.

** Question not asked in this questionnaire.

TABLE 40b

Selected Parent Questionnire Items for Encouraged and Not-encou-aged Boys

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 169	Encouraged N = 55	Not-encouraged N = 71	Encouraged N = 57
Grade mother would like child to complete.	8 or less	ns	ns	0%	C%	1%	0%
	Some High School			0	2	1	0
	High School			7	16	28	42
	Some College			19	27	27	25
	College or beyond			72	53	39	28
	Other			0	0	0	0
	Don't know			1	0	3	5
Grade mother thinks child will complete.	8 or less	(.05)	ns	1	2	0	0
	Some High School			3	4	4	5
	High School			38	60	56	53
	Some College			26	7	25	26
	College or beyond			10	15	6	7
	Other			0	2	0	0
	Don't know			20	11	8	9
Do most children have to be forced to learn?	Almost all the time	ns	ns	3	0	4	5
	Most of the time			14	11	15	23
	Sometimes			70	73	69	60
	Never			13	16	8	12
Does your child have to be forced to learn?	Almost all the time	ns	ns	3	2	1	9
	Most of the time			10	9	14	14
	Sometimes			67	69	66	65
	Never			17	16	18	12
Can mother do anything to improve schools?	Yes	ns		30	36	34	53
	No			12	13	17	11
	Don't know			58	51	49	37

TABLE 40b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Boys

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 169	Encouraged N = 55	Not-encouraged N = 71	Encouraged N = 57
Hours child watched TV yesterday.	6 or more	ns	ns	4%	7%	10%	11%
	4 - 5			35	20	21	19
	2 - 3			30	44	42	44
	Less than 2			23	16	18	19
	None			7	11	6	7
Kind of TV set child watches.	Black and white	ns		78	87	72	72
	Color			19	11	20	26
Employment of male in household.	35 hours a week or or more	ns		39	56	**	
	10 - 35 hours			6	5		
	Less than 10 hours			4	0		
	Other			51	38		
Number of rooms in house.	1 - 2	ns		0	2	**	
	3 - 4			48	35		
	5 - 6			38	49		
	7 - 8			7	13		
	Over 8			6	2		
Number of people living in house.	1 - 2	ns		0	0	**	
	3 - 4			26	16		
	5 - 6			33	33		
	7 - 8			22	24		
	Over 8			19	27		
Mother watches Sesame Street with child.	Almost always			**		1	11
	Usually		(.02)			10	12
	Sometimes					3	46
	Hardly ever					6	23
	No Sesame Street					80	9

TABLE 40b

Selected Parent Questionnaire Items for Encouraged and Not-encouraged Boys

		P		Pretest Questionnaire		Posttest Questionnaire	
		Pre	Post	Not-encouraged N = 169	Encouraged N = 55	Not-encouraged N = 71	Encouraged N = 57
Mother and child talk about Sesame Street.	Almost always			**		3%	5%
	Usually					10	14
	Sometimes		(.05)			4	47
	Hardly ever					4	25
	No Sesame Street					79	9
Child plays games based on Sesame Street.	Almost always			**		1	2
	Usually					1	2
	Sometimes		ns			10	40
	Hardly ever					3	21
	Don't know					7	26
	No Sesame Street					77	9
How helpful Sesame Street is for child.	Not at all			**		0	0
	Somewhat					1	30
	Very		ns			17	58
	Don't know					4	4
	No Sesame Street					77	9

TABLE 41

Pretest and Gain Scores for Spanish-background Children (by viewing groups) N = 66

Test and Subtest	Maximum Possible Score	Non-Viewers N = 8				H1 N = 29				H2 N = 29			
		Pretest		Gain		Pretest		Gain		Pretest		Gain	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Naming Body Parts	10	6.4	3.3	-0.3	1.9	6.0	2.9	1.2	3.8	7.0	2.5	0.0	3.4
Function of Body Parts	8	3.9	2.2	-0.5	2.5	3.2	2.0	1.4	2.5	3.7	2.9	1.1	2.9
Body Parts Total	18	10.3	4.1	-0.8	3.1	9.2	4.2	2.7	5.4	10.7	4.5	1.2	5.1
Naming Forms	4	0.5	0.8	0.6	1.1	0.8	1.0	0.7	1.6	0.9	1.3	0.8	1.0
Recognizing Forms	4	1.1	1.4	0.4	1.4	1.6	1.3	0.4	1.6	1.8	1.4	0.6	1.7
Forms Total	8	1.6	1.6	1.0	2.1	2.4	1.8	1.1	2.5	2.7	2.3	1.3	2.0
Roles of Community Members	4	2.6	1.1	0.3	1.0	2.1	1.6	0.9	1.6	2.1	1.5	0.5	1.4
Matching by Form	9	3.9	2.0	0.8	2.4	3.4	2.0	1.4	2.6	4.6	2.2	0.7	2.8
Matching by Position	3	0.6	0.7	0.4	1.1	1.0	0.8	0.0	1.3	1.3	1.0	-0.1	1.4
Recognizing Letters	4	1.3	0.7	0.1	1.1	1.3	1.2	0.1	1.8	0.9	0.9	1.1	1.4
Naming Letters	8	0.3	0.7	-0.3	0.7	0.1	0.3	0.6	1.7	0.6	1.3	0.7	1.2
Letter Sounds	4	0.4	1.1	-0.3	1.2	0.0	0.0	0.3	0.9	0.1	0.7	0.7	1.4
Initial Sounds	6	0.3	0.5	-0.1	0.6	0.6	1.2	0.4	1.3	0.9	1.0	0.2	1.4
Decoding	8	0.5	0.8	0.4	1.4	0.8	1.0	0.6	1.3	1.7	1.5	0.1	1.9
Reading	9	1.1	1.2	0.0	1.3	0.8	0.7	1.1	1.3	1.5	1.1	0.8	1.7
Left-Right Orientation	4	1.4	1.3	0.4	2.1	1.1	1.1	0.3	1.8	1.6	1.3	0.8	1.7
Alphabet (A to Z)	26	0.4	1.1	3.3	3.0	2.0	2.9	3.2	6.3	3.7	6.8	5.2	6.8
Pre-reading Total	48	7.1	5.2	0.4	6.8	6.4	4.4	4.3	8.2	9.6	5.8	4.9	5.5
Recognizing Numbers	4	0.4	0.5	0.5	0.8	0.9	1.0	0.2	1.4	1.4	1.2	0.1	1.3
Naming Numbers	6	0.4	0.7	-0.3	0.7	0.0	0.2	0.4	1.0	0.3	0.5	0.6	1.6
Enumeration	7	1.4	1.4	0.6	2.6	2.2	1.7	1.0	2.5	2.9	1.6	1.4	1.5
Conservation	7	3.9	1.6	-0.9	2.9	2.9	1.4	0.5	2.0	2.9	1.5	0.4	1.5
Counting Strategies	8	2.1	2.0	1.9	3.9	3.7	2.7	0.8	3.6	5.6	2.3	-0.3	2.7
Number/Numeral Agreement	3	0.5	0.8	0.3	1.3	0.8	0.8	0.4	1.1	1.0	1.0	0.6	0.9
Addition & Subtraction	13	1.0	1.4	0.1	1.9	1.0	1.5	0.6	2.7	1.3	1.8	2.1	2.3
Counting (1-30)	30	1.8	3.6	3.3	5.2	3.8	6.3	3.9	7.0	5.8	5.6	3.8	7.7
Numbers Total	54	12.0	7.0	2.0	11.5	13.5	6.4	4.4	10.5	17.8	7.3	5.4	5.8
Relational Terms Total	17	7.8	3.8	4.4	5.7	8.9	3.0	1.7	4.4	10.6	3.3	1.2	3.8
Classification	15	2.9	3.2	0.8	2.3	4.7	3.1	2.0	4.1	6.1	3.4	1.6	4.4
Double Classification	9	2.1	1.5	1.0	2.8	2.5	1.5	0.9	2.5	3.4	2.5	0.7	2.6
Classification Total	24	5.0	4.4	1.8	4.3	7.2	3.7	2.9	5.8	9.5	5.5	2.2	5.1
Sorting Total	16	4.8	2.8	0.5	2.7	4.8	3.0	1.8	4.6	5.0	3.8	0.9	4.1
Parts of Whole Total	10	2.9	2.5	0.9	3.4	4.0	2.0	0.8	2.5	4.0	2.1	1.2	2.3
Emotions Total	8	3.5	3.4	0.4	3.3	3.6	2.6	2.2	3.5	5.1	2.4	0.4	2.2
Grand Total	214	60.9	28.0	11.0	30.7	65.2	24.9	23.8	35.3	81.1	29.9	19.4	20.8
Peabody Raw Score (English)	---	17.0	6.5	10.9	15.8	18.1	11.5	11.2	15.1	28.8	14.6	5.9	19.5
Peabody Raw Score (Spanish)	---	Posttest only		3.5	9.5	Posttest only		10.9	13.2	Posttest only		18.9	27.2
Chronological Age in Months	---	44.6	8.1	---	---	44.9	8.9	---	---	47.6	6.4	---	---

TABLE 42

Parent Questionnaire Scales for Spanish Children in the New Study by Viewing Groups

		Total		NV		H1		H2		
	Maximum Possible Score	Pre N = 65 Post N = 60 Mean	SD	Pre N = 8 Post N = 8 Mean	SD	Pre N = 29 Post N = 26 Mean	SD	Pre N = 28 Post N = 26 Mean	SD	P
Parents' Expectation										
Pre	50	37.0	5.7	36.1	5.2	36.4	6.0	37.9	5.5	ns
Post	50	37.3	3.8	34.5	4.0	37.3	3.8	38.2	3.5	.053
Child Affluence										
Pre	6	2.7	1.5	2.5	1.5	2.4	1.4	3.1	1.5	ns
Post	6	2.9	1.4	2.3	1.0	2.7	1.4	3.2	1.5	ns
Child Educational Uses										
Pre	21	5.9	3.1	5.6	2.5	5.0	3.2	6.8	3.0	ns
Post	21	6.4	3.0	5.1	2.5	5.7	3.2	7.6	2.5	.027
Parents' Affluence	14	8.3	2.5	8.3	1.8	7.9	2.8	8.8	2.2	ns
Years of Parents' Education	16	10.0	1.4	9.9	1.6	9.9	1.5	10.0	1.4	ns
School Expectation										
Pre	12	5.5	3.0	4.8	4.1	5.6	2.7	5.6	3.0	ns
Post	12	6.1	2.8	6.3	3.4	6.2	3.3	6.1	2.3	ns

TABLE 43

Selected Parent Questionnaire Items for Spanish-background Children (by viewing groups)

		P		Pretest Questionnaire*			Posttest Questionnaire*		
		Pre	Post	NV N=8	H1 N=29	H2 N=28	NV N=8	H1 N=26	H2 N=26
How child spends time at home.	Watches TV	ns	(.05)	100%	79%	93%	100%	73%	96%
	Plays with mother	ns	ns	100	66	68	75	58	58
	Follows mother	ns	ns	100	76	54	50	62	50
	Plays by himself	ns	ns	88	72	64	100	73	69
	Plays with children	ns	ns	100	100	89	100	81	88
What mother usually does with child.	Plays with him	ns	ns	100	69	71	88	73	73
	Reads to him	ns	ns	38	45	54	75	58	73
	Does housework	ns	ns	88	83	68	75	85	88
	Watches TV	ns	ns	50	38	36	63	46	46
	Watches TV with him	ns	ns	88	79	82	88	81	73
	Reads by herself	ns	ns	50	41	39	25	46	27
How often child uses art things at home.	Never	ns	ns	0	0	0	0	0	0
	Less than once a week			13	10	4	0	8	8
	Once a week			0	24	7	25	0	4
	Several times a week			25	41	46	50	69	50
	Once a day			50	21	43	13	15	35
	Don't know			13	3	0	13	4	0
How often child is read to.	Never	ns	ns	0	38	21	0	19	12
	Less than once a week			25	14	11	13	19	12
	Once a week			25	17	14	25	19	27
	Several times a week			25	17	25	38	31	42
	Once a day			0	7	25	0	0	4
	Don't know			25	7	4	25	12	4

ns = not statistically significant

Probabilities in parenthesis should be interpreted with caution since they were computed on small expected cell frequencies.

* Responses do not always total 100% because of some incomplete questionnaires.

** Question not asked in this questionnaire.

TABLE 43

Selected Parent Questionnaire Items for Spanish-background Children (by viewing groups)

		P		Pretest Questionnaire			Posttest Questionnaire		
		Pre	Post	NV N=8	H1 N=29	H2 N=28	NV N=8	H1 B=2[illegible]	H2 N=26
Grade mother would like child to complete.	8 or less	ns	ns	0%	0%	0%	0%	0%	0%
	Some High School			13	4	0	13	0	0
	High School			25	10	14	25	12	19
	Some College			25	38	21	50	50	38
	College or beyond			38	48	64	13	35	42
	Other			0	0	0	0	0	0
	Don't know			0	0	0	0	4	0
Grade mother thinks child will complete.	8 or less	ns	ns	0	0	0	13	0	0
	Some High School			13	7	14	0	0	12
	High School			50	41	54	75	54	62
	Some College			13	24	14	13	23	23
	College or beyond			13	14	4	0	8	0
	Other			0	3	0	0	0	0
	Don't know			13	10	14	0	15	4
Do most children have to be forced to learn?	Almost all the time	ns	ns	0	3	7	13	4	8
	Most of the time			25	14	14	13	8	12
	Sometimes			50	62	68	50	81	65
	Never			25	21	11	25	8	15
Does your child have to be forced to learn?	Almost all the time	ns	ns	0	0	0	0	0	0
	Most of the time			13	3	4	25	12	12
	Sometimes			63	62	68	13	62	62
	Never			25	34	29	50	[illegible]	27
Can mother do anything to improve schools?	Yes	ns	ns	25	21	29	50	31	42
	No			38	21	11	50	19	19
	Don't know			38	59	61	0	50	38

TABLE 43

Selected Parent Questionnaire Items for Spanish-background Children (by viewing groups)

		P		Pretest Questionnaire			Posttest Questionnaire		
		Pre	Post	NV N=8	H1 N=29	H2 N=28	NV N=8	H1 N=26	H2 N=26
Hours child watched TV yesterday.	6 or more	(.05)	ns	0%	21%	4%	25%	8%	0%
	4 - 5			63	28	29	25	19	23
	2 - 3			25	24	11	25	35	38
	Less than 2			0	14	43	13	19	15
	None			13	14	14	13	19	19
Kind of TV set child watches.	Black and white	(.05)	ns	100	79	61	100	58	65
	Color			0	17	39	0	42	35
Employment of male in household.	35 hours a week or or more	ns		63	62	82	**		
	10 - 35 hours			13	7	0			
	Less than 10 hours			0	3	4			
	Other			25	28	14			
Number of rooms in house.	1 - 2	ns		0	10	11	**		
	3 - 4			88	59	39			
	5 - 6			13	21	43			
	7 - 8			0	7	7			
	Over 8			0	0	0			
Number of people living in house.	1 - 2	ns		0	0	0	**		
	3 - 4			63	34	18			
	5 - 6			25	21	46			
	7 - 8			0	31	21			
	Over 8			13	10	14			
Mother watches Sesame Street with child.	Almost always		ns	**			0	12	27
	Usually						0	0	15
	Sometimes						0	50	50
	Hardly ever						0	27	8
	No Sesame Street						100	12	0

TABLE 43

Selected Parent Questionnaire Items for Spanish-background Children (by viewing groups)

		P		Pretest Questionnaire	Posttest Questionnaire		
		Pre	Post		NV N=8	H1 N=26	H2 N=26
Mother and child talk about Sesame Street.	Almost always			**	0%	12%	27%
	Usually				0	0	15
	Sometimes		ns		0	50	50
	Hardly ever				0	27	8
	No Sesame Street				100	12	0
Child plays games based on Sesame Street.	Almost always			**	0	4	19
	Usually				0	4	12
	Sometimes		ns		0	15	42
	Hardly ever				0	31	15
	Don't know				0	27	12
	No Sesame Street				100	19	0
How helpful Sesame Street is for child.	Not at all			**	0	0	12
	Somewhat				0	12	27
	Very		ns		0	42	58
	Don't know				0	27	4
	No Sesame Street				100	19	0

TABLE 44

Follow-up Children Who Were Ranked in the Fall
Pretest Means and Gains in Year I by Year I Viewing Quartiles
N=112

Test	# Items	Q1 N=30 Pretest M	Pretest SD	Gain M	Gain SD	Q2 N=28 Pretest M	Pretest SD	Gain M	Gain SD	Q3 N=24 Pretest M	Pretest SD	Gain M	Gain SD	Q4 N=30 Pretest M	Pretest SD	Gain M	Gain SD
Body Parts	32	18.3	7.1	6.6	6.7	19.7	6.5	4.6	5.2	20.8	6.8	3.4	7.7	22.6	5.8	5.8	5.0
Letters	58	13.7	3.5	4.8	7.3	12.7	4.8	6.0	9.7	13.7	4.1	15.0	11.2	16.7	9.1	17.0	11.8
Forms	20	8.3	3.3	3.4	4.2	9.3	3.6	3.5	4.1	9.9	3.6	4.0	4.5	10.3	3.8	6.7	3.6
Numbers	54	17.3	8.3	7.9	6.9	15.1	6.7	9.4	8.3	22.1	8.3	9.4	11.2	21.8	10.8	14.6	9.8
Sorting	6	2.5	1.4	.9	1.8	2.3	1.4	.9	1.9	2.7	1.5	.8	1.9	2.5	1.1	2.0	1.7
Relational Terms	17	9.5	2.9	1.7	3.0	10.3	2.4	1.9	3.0	10.5	2.3	1.9	3.4	10.0	3.0	3.2	3.8
Classification	24	11.2	3.6	3.5	4.6	10.8	4.6	3.4	5.1	11.8	4.4	5.0	5.4	12.7	4.1	7.0	5.2
Total	203	78.1	23.0	28.3	22.5	77.0	21.9	29.9	24.7	88.9	23.8	37.7	31.9	94.3	29.0	53.6	26.7

Common Items Scores

	Test Time	Q1 Mean	Q1 SD	Q2 Mean	Q2 SD	Q3 Mean	Q3 SD	Q4 Mean	Q4 SD
Total (77 Items)	Pre I	33.6	10.2	33.9	11.0	38.2	9.6	40.4	11.2
	Post I	44.5	10.2	45.9	10.2	49.7	13.5	60.3	8.7
	Pre II	53.1	10.8	51.5	11.0	57.5	10.2	61.8	9.2
Peabody Mental Age	Pre I	42.3	10.8	42.3	12.3	47.2	13.9	46.0	13.7
Chronological Age	Pre I	57.6	7.3	53.5	6.6	54.4	6.2	52.4	6.1

TABLE 45

Teacher Rankings in the Fall of 1970

Follow-up Subjects: Average Percentile Rank by Year I Viewing Quartiles

	General Readiness			Verbal			Quantitative		
	N	Mean	S.D.	N	Mean	S.D.	N	Mean	S.D.
Q1	29	49.8	24.4	29	46.2	29.1	28	49.2	25.6
Q2	28	47.6	28.7	27	48.8	27.4	27	46.9	28.2
Q3	24	56.1	26.2	23	53.9	26.7	23	57.5	25.2
Q4	30	64.2	25.0	28	62.4	27.8	29	64.7	25.0
Total	111	54.5	26.9	107	52.8	28.5	107	54.7	27.0
		$.05 > p > .10$			n.s.			$.05 > p > .10$	

	General Intelligence			Attitude Toward School			Relations with Peers		
	N	Mean	S.D.	N	Mean	S.D.	N	Mean	S.D.
Q1	29	48.6	26.5	28	42.2	30.7	28	45.9	27.6
Q2	28	52.0	29.3	28	46.1	25.8	28	50.7	27.6
Q3	24	54.6	25.6	23	61.5	23.7	24	53.6	25.6
Q4	30	61.4	27.7	30	69.0	23.8	30	66.1	22.2
Total	111	54.2	27.8	109	54.9	28.4	110	54.3	26.9
		n.s.			$.001 > p > .005$			$.02 > p > .025$	

	Coordination								
	N	Mean	S.D.		N	Mean	S.D.		Mean	S.D.
Q1	27	46.1	28.7	Q3	24	55.7	24.2	Total 108	53.4	27.3
Q2	27	54.2	29.7	Q4	30	57.5	24.6		n.s.	

TABLE 46

Year II Pretest Means for Follow-up Children Who Were Ranked in the Fall
(by Year I viewing quartiles)

Test	# Items	Q1 N=30 Mean	SD	Q2 N=28 Mean	SD	Q3 N=24 Mean	SD	Q4 N=30 Mean	SD
Forms	8	5.7	1.7	5.4	1.9	6.3	1.9	6.9	1.6
Pre-reading	48	15.2	6.8	14.7	6.6	19.4	8.6	22.2	8.4
Numbers	54	26.7	8.6	25.4	8.6	30.8	7.4	33.2	7.2
Classification	24	13.0	4.5	12.8	4.3	14.8	4.1	16.1	3.8
Sorting	16	7.4	3.8	8.3	2.9	10.3	2.9	11.1	3.4
Parts of Whole	10	6.3	2.1	5.7	2.1	6.9	1.6	6.7	2.0
Emotions	8	6.0	2.1	6.8	1.5	6.6	1.6	7.1	1.3
Grand Total	214	117.5	28.1	116.8	26.5	134.3	26.8	143.4	25.7

Attitude		N=21		N=24		N=19		N=26	
to School	7	5.0	1.8	5.9	1.3	5.7	1.9	6.2	1.3
to Others	4	2.8	1.2	3.0	.9	2.7	1.2	3.0	1.0
to Race of Others	6	3.7	2.1	4.9	1.2	4.0	1.9	4.8	1.3

TABLE 47

Pretest and Gain Scores on Common Items* and Peabody IQ's for Follow-up Children

N = 283

Group	Viewing	N	Pre I Total		Gain to Post I		Gain to Pre II		Gain to Post II		Chron. Age at Pre I		Peabody IQ Pre I		Peabody IQ Pre II		Peabody IQ Post II	
			Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
1	H_1	123	36.1	11.3	14.9	11.3	4.8	8.9	6.3	7.4	49.8	7.7	85.5	20.5	89.5	17.7	96.2	15.9
2	L_1	160	31.6	10.8	11.3	11.1	6.9	10.4	8.5	8.1	51.4	7.9	75.2	22.2	81.2	16.4	88.6	17.2
3	H_1 H_s	77	35.3	10.8	15.1	11.9	5.9	9.7	5.5	7.2	49.7	7.9	83.0	21.9	87.7	18.3	95.0	17.7
4	H_1 L_s	46	37.4	12.1	14.6	10.1	3.0	7.1	7.5	7.7	49.9	7.5	89.6	17.4	92.7	16.2	98.3	12.4
5	L_1 H_s	51	31.6	11.7	13.5	11.5	3.4	10.2	9.0	8.7	50.4	7.3	74.0	23.5	81.4	16.5	86.4	15.5
6	L_1 L_s	109	31.6	10.5	10.3	10.7	8.5	10.1	8.3	7.9	51.8	8.2	75.8	21.7	81.2	16.3	89.6	17.8
7	H_1 H_s H_2	46	34.0	11.3	14.9	11.5	5.4	10.5	5.7	7.4	49.1	8.5	82.0	25.5	88.8	18.8	94.5	19.6
8	H_1 H_s L_2	31	37.2	9.9	15.3	12.8	5.3	8.5	5.3	7.1	50.6	7.1	84.5	15.3	86.0	17.8	95.8	14.8
9	H_1 L_s L_2	44	37.8	12.2	13.6	9.1	3.2	7.2	7.6	7.8	50.0	7.4	88.8	17.3	91.8	15.8	98.0	12.5
10	L_1 H_s H_2	29	32.0	12.4	13.8	11.0	2.1	11.3	10.0	9.2	50.4	6.4	71.9	25.0	80.1	16.8	86.8	16.0
11	L_1 H_s L_2	22	31.2	11.0	13.0	12.5	5.1	8.4	7.5	7.7	50.4	8.4	76.9	21.7	83.0	16.4	86.0	15.2
12	L_1 L_s L_2	107	31.5	10.5	10.3	10.8	8.5	10.2	8.3	8.0	51.6	8.1	75.8	21.9	81.4	16.4	89.9	17.8

* There were 77 items common to the four batteries

TABLE 48

Total Score Pretest and Posttest Means on Year I Tests and Total Score Means and Gains on Year II Tests for All Follow-up Children

Group	Viewing	Total N	Pretest Year I Mean	Pretest Year I SD	Posttest Year I Mean	Posttest Year I SD	Pretest Year II Mean	Pretest Year II SD	Gain to Year II Posttest Mean	Gain to Year II Posttest SD
1	H_1	123	83.7	28.5	123.6	35.7	126.6	31.0	21.4	18.0
2	L_1	160	73.4	23.6	103.0	31.8	111.4	31.6	26.1	21.8
3	H_1 H_s	77					127.8	30.7	19.1	17.1
4	H_1 L_s	46					124.6	31.7	25.2	19.1
5	L_1 H_s	51					109.0	34.8	25.5	22.0
6	L_1 L_s	109					112.5	30.0	26.3	21.8
7	H_1 H_s H_2	46					125.3	32.1	19.1	18.2
8	H_1 H_s L_2	31					131.5	28.6	19.0	15.5
9	H_1 L_s L_2	44					123.4	31.8	25.2	19.5
10	L_1 H_s H_2	29					106.8	34.5	28.1	19.4
11	L_1 H_s L_2	22					111.9	35.9	22.2	25.1
12	L_1 L_s L_2	107					112.0	30.0	26.2	22.0

TABLE 49

Total Score Means and Gains on the Year II Test for Follow-up Children At Home and At School

Group	Viewing	At Home in Years I and II					At Home in Year II At School in Year II				
		N	Pretest Year II Mean	SD	Gain Mean	SD	N	Pretest Year II Mean	SD	Gain Mean	SD
7	H_1 H_s H_2	24	116.1	33.6	16.6	17.6	32	135.3	27.8	21.9	18.9
8	H_1 H_s L_2	10	134.2	24.4	12.5	18.0	21	130.2	30.8	22.1	13.5
9	H_1 L_s L_2	17	115.6	25.6	19.1	18.1	27	128.2	34.7	29.0	19.7
10	L_1 H_s H_2	18	92.6	24.1	29.2	18.7	11	130.0	37.2	26.2	21.3
11	L_1 H_s L_2	11	111.5	46.2	6.2	20.6	11	112.2	40.0	38.3	18.1
12	L_1 L_s L_2	44	109.8	30.7	19.9	23.3	63	113.6	29.7	30.5	20.2

TABLE 50

Parent Questionnaire Scales for Follow-up Children by Viewing Groups 3 - 6

		Group 3 H_1 H_s		Group 4 H_1 L_s		Group 5 L_1 H_s		Group 6 L_1 L_s		
	Test Time	Pre I N = 67 Post I N = 73 Pre II N = 75 Post II N = 77		Pre I N = 43 Post I N = 41 Pre II N = 46 Post II N = 46		Pre I N = 50 Post I N = 51 Pre II N = 51 Post II N = 50		Pre I N = 96 Post I N = 104 Pre II N = 108 Post II N = 108		P
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	
Parents' Expectation (maximum of 50)	Pretest I	38.1	5.4	38.1	5.8	36.9	6.1	36.8	6.4	ns
	Posttest I	37.4	4.8	37.5	5.5	36.1	5.6	36.2	5.7	ns
	Pretest II	38.0	5.1	37.8	5.5	38.2	5.6	36.8	5.2	ns
	Posttest II	40.2	5.9	39.9	6.0	39.4	5.3	39.1	5.9	ns
Child Affluence (maximum of 6)	Pretest I	3.4	1.7	3.6	1.5	3.4	1.5	2.9	1.8	ns
	Posttest I	3.9	1.3	3.8	1.2	3.6	1.4	3.3	1.4	.024
	Pretest II	3.3	1.3	3.2	1.3	3.4	1.8	2.9	1.3	ns
	Posttest II	3.6	1.3	3.4	1.6	3.6	1.4	3.1	1.5	.031
Child Educational Uses* (maximum of 21)	Pretest I	3.1	2.1	2.8	2.0	3.6	2.3	3.0	1.8	ns
	Posttest I	3.6	2.2	2.9	2.0	4.2	2.1	3.6	1.6	.016
	Pretest II	6.2	3.5	6.3	3.2	7.0	3.2	6.5	2.7	ns
	Posttest II	7.7	3.3	6.8	3.2	7.9	3.2	7.7	3.2	ns
Parents' Affluence (maximum of 14)	Pretest I	8.2	2.2	9.0	2.0	7.7	2.4	7.9	1.7	.018
	Pretest II	9.0	2.0	9.5	1.8	8.9	2.0	8.6	1.8	ns
Years of Parents' Education (maximum of 16)	Pretest I	10.4	1.8	10.7	1.5	10.4	1.4	10.1	1.4	ns
	Pretest II	10.6	1.5	10.7	1.6	10.8	1.4	10.4	1.3	ns
School Expectation (maximum of 12)	Pretest II	6.4	2.4	7.1	2.3	6.5	2.2	5.8	2.0	.007
	Posttest II	6.5	2.2	7.2	2.1	6.2	2.0	6.0	1.8	.010

* The Child Educational Uses Scale was changed between Year I and Year II.

TABLE 51

Parent Questionnaire Scales for Follow-up Children by Viewing Groups 7 - 12

		Group 7 $H_1 H_s H_2$		Group 8 $H_1 H_s L_2$		Group 9 $H_1 L_s L_2$		Group 10 $L_1 H_s H_2$		Group 11 $L_1 H_s L_2$		Group 12 $L_1 L_s L_2$		
	Test Time	Pre I N = 40 Post I N = 44 Pre II N = 45 Post II N = 46		Pre I N = 27 Post I N = 29 Pre II N = 30 Post II N = 31		Pre I N = 41 Post I N = 39 Pre II N = 44 Post II N = 44		Pre I N = 28 Post I N = 25 Pre II N = 29 Post II N = 28		Pre I N = 22 Post I N = 22 Pre II N = 22 Post II N = 22		Pre I N = 94 Post I N = 102 Pre II N = 106 Post II N = 106		P
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
Parents' Expectation	Pre I	38.6	5.7	37.4	5.0	37.9	5.8	37.2	5.8	36.6	6.6	36.9	6.5	ns
	Post I	37.5	5.1	37.3	4.6	37.1	5.4	38.2	4.9	33.4	5.3	36.2	5.7	.017
	Pre II	38.0	5.3	38.0	4.9	37.4	5.4	38.7	5.2	37.4	6.0	36.8	5.3	ns
	Post II	40.5	6.3	39.9	5.4	39.9	6.1	39.9	5.7	38.8	4.9	39.1	5.8	ns
Child Affluence	Pre I	3.6	1.6	3.0	1.7	3.5	1.5	3.8	1.4	2.8	1.4	2.9	1.8	.047
	Post I	4.2	1.1	3.5	1.5	3.8	1.2	3.8	1.3	3.5	1.4	3.3	1.4	.016
	Pre II	3.6	1.2	2.8	1.4	3.1	1.3	3.8	1.8	2.8	1.6	3.0	1.3	.015
	Post II	3.8	1.2	3.5	1.3	3.3	1.6	4.1	1.4	3.0	1.3	3.1	1.5	.011
Child Educational Uses*	Pre I	3.1	1.9	3.1	2.4	2.7	2.0	3.9	2.6	3.1	1.9	3.0	1.8	ns
	Post I	3.6	2.1	3.6	2.3	2.8	2.0	4.1	2.1	4.4	2.2	3.6	1.6	ns
	Pre II	6.2	3.2	6.3	3.9	6.1	3.1	7.1	3.3	6.7	3.2	6.5	2.7	ns
	Post II	7.4	3.2	8.2	3.5	6.6	3.1	7.5	3.2	8.4	3.2	7.6	3.2	ns
Parents' Affluence	Pre I	8.0	2.2	8.8	2.2	8.9	2.0	8.0	2.2	7.4	2.5	8.0	1.7	.027
	Pre II	8.8	1.8	9.4	2.3	9.4	1.8	9.4	1.4	8.2	2.5	8.6	1.8	.039
Years of Parents' Education	Pre I	10.4	1.9	10.5	1.7	10.7	1.5	10.6	1.4	10.1	1.5	10.2	1.4	ns
	Pre II	10.6	1.6	10.6	1.4	10.6	1.6	10.9	1.2	10.5	1.7	10.3	1.3	ns
School Expectation	Pre II	6.2	2.4	6.6	2.3	7.0	2.3	7.1	2.6	5.8	1.3	5.8	2.0	.008
	Post II	6.7	2.2	6.2	2.3	7.1	2.1	6.5	2.3	5.8	1.5	6.0	1.8	.025

*The Child Educational Uses scale was changed between Year I and Year II.

TABLE 52
Correlation Matrix of Test Scores, Gains, and Viewing Scores for Follow-up Children

	Year I View Score	Summer View Score	Year II View Score	Pretest I Total	Posttest I Total	Year I Gain	Pretest II Total	Posttest II Total	Year II Gain	Common Items Year I Gain	Common Items Summer Gain	Common Items Year II Gain
Year I View Score	1.00	.46	.45	.18	.35	.27	.23	.18	-.05	.24	-.19	-.06
Summer View Score		1.00	.85	.08	.20	.18	.11	.09	-.03	.18	.15	.01
Year II View Score			1.00	.10	.23	.20	.13	.11	-.03	.18	-.14	.00
Pretest I Total				1.00	.61	-.17	.61	.57	.01	-.21	-.11	-.10
Posttest I Total					1.00	.67	.73	.72	.09	.58	-.40	-.07
Year I Gain						1.00	.34	.37	.10	.92	-.39	.00
Pretest II Total							1.00	.82	-.18	.27	.26	-.33
Posttest II Total								1.00	.42	.31	.08	.18
Year II Gain									1.00	.11	-.27	.82
Common Items Year I Gain										1.00	-.44	.04
Common Items Summer Gain											1.00	-.38
Common Items Year II Gain												1.00

TABLE 53

Follow-Up Age Cohorts Study

Cohort 1 = Children who were 63-68 months at pretest Year II
Cohort 2 = Children who were 63-68 months at posttest Year II

Test and Subtest	Maximum Possible Score	Cohort 1 N=29 Pretest Mean	SD	Cohort 2 N=31 Posttest Mean	SD
Naming Body Parts	10	9.2	1.6	9.4	1.1
Function of Body Parts	8	6.4	1.4	6.7	1.4
Body Parts Total	18	15.6	2.7	16.1	2.1
Naming Forms	4	2.5	1.3	2.6	1.4
Recognizing Forms	4	3.0	1.2	2.9	1.4
Forms Total	8	5.5	2.2	5.5	2.6
Roles of Community Members	4	2.9	1.1	3.5	1.0
Matching by Form	9	6.1	1.3	6.1	1.5
Matching by Position	3	1.6	.8	1.5	.8
Recognizing Letters	4	2.3	1.2	2.6	1.1
Naming Letters	8	1.9	2.5	3.5	3.1
Letter Sounds	4	.7	1.2	1.6	1.7
Initial Sounds	6	1.6	1.3	1.6	1.7
Decoding	8	2.1	1.5	2.9	2.0
Reading	9	2.0	1.3	2.9	2.0
Left-Right Orientation	4	1.8	1.4	2.2	1.3
Alphabet (A to Z)	26	10.2	9.2	16.5	10.1
Pre-reading Total	48	15.6	7.9	20.4	10.2
Recognizing Numbers	4	1.9	1.1	2.3	1.2
Naming Numbers	6	.7	1.0	2.0	1.9
Enumeration	7	5.6	1.1	5.7	1.4
Conservation	7	4.0	1.5	4.5	1.2
Counting Strategies	8	6.7	1.1	6.4	1.5
Number/Numeral Agreement	3	2.0	.9	2.0	.9
Addition & Subtraction	13	4.0	1.6	4.8	2.8
Counting (1-30)	30	13.8	6.5	18.6	9.8
Numbers Total	54	28.6	6.3	32.1	8.0
Relational Terms Total	17	13.3	2.3	14.3	2.5
Classification	15	11.0	3.8	10.9	3.5
Double Classification	9	3.9	1.4	4.6	2.1
Classification Total	24	14.8	4.7	15.5	5.0
Sorting Total	16	8.9	4.0	8.4	5.0
Parts of Whole Total	10	5.8	1.7	6.5	1.8
Emotions Total	8	6.4	1.5	6.1	1.5
Attitude to School*	7	4.9	1.8	5.8	1.2
Attitude to Others*	4	2.8	1.0	3.1	1.0
Attitude to Race of Others*	6	3.8	1.7	4.9	1.4
Grand Total	214	122.8	26.5	133.6	34.0
Peabody Raw Score	---	45.1	8.1	48.4	10.7
Peabody Mental Age in Months	---	54.9	12.7	61.3	19.2
Peabody IQ	---	85.3	14.5	88.9	19.8
Chronological Age in Months	---	65.4	1.9	65.5	1.6

*N's for these subtests: Cohort 1 N = 24 Cohort 2 N = 17

TABLE 54

Parent Questionnaire Scales for Age Cohorts

Cohort 1 = Children who were 63-68 months at pretest N = 29
Cohort 2 = Children who were 63-68 months at posttest N = 31

	Maximum Possible Score	Cohort 1 Pretest Mean	Cohort 1 Pretest SD	Cohort 2 Pretest Mean	Cohort 2 Pretest SD	p*	Cohort 2 Posttest Mean	Cohort 2 Posttest SD
Parents' Expectation	50	37.7	6.3	36.5	5.5	.44	38.5	5.1
Child Affluence	6	3.3	1.4	2.9	1.4	.27	3.1	1.5
Child Educational Uses	21	5.7	2.7	5.7	3.0	.99	7.0	2.7
Parents' Affluence	14	8.6	1.7	8.2	2.2	.44	---	---
Years of Parents' Education	16	10.4	1.4	10.1	1.4	.44	---	---
School Expectation	12	6.4	2.4	5.7	1.9	.23	5.9	1.2

*Probabilities of differences in pretest scales being statistically significant.

Demographic Characteristics of Age Cohorts

		Cohort 1	Cohort 2
Sex:	Male	16	18
	Female	13	13
Language in home:			
	English	26	27
	Spanish	3	4
Sites:	Boston	1	1
	Durham	13	15
	Phoenix	15	15

		Cohort 1	Cohort 2
Viewing Status:			
	Encouraged	26	27
	Not-encouraged	3	4
Year I Observation Status:			
	Observed	29	31
	Not observed	0	0

TABLE 55

Univariate Analyses of Variance for the

Follow-up Age Cohorts Study

		Source	df	MS	F	P
Test 1:	Combined scores of old Letters goals (recognizing and naming letters and alphabet)	Cohort	1	990.4	7.126	.010*
		Within Cells	58	139.0		
Test 2:	Combined scores of new Pre-reading goals (letter and initial sounds, decoding, and reading)	Cohort	1	95.3	3.687	.060
		Within Cells	58	25.8		
Test 3:	Combines scores of new Number goals (recognizing and naming numbers, number correspondence, add and subtract, and counting)	Cohort	1	804.1	6.297	.015*
		Within Cells	58	127.7		
Test 4:	Combined scores of old Body Parts goals (naming and function)	Cohort	1	3.9	.691	.409
		Within Cells	58	5.7		
Test 5:	Combined scores of old Forms goals (naming and recognizing)	Cohort	1	0.0	.000	.999
		Within Cells	58	5.9		
Test 6:	Peabody Mental Age	Cohort	1	618.7	2.293	.135
		Within Cells	58	269.9		
Test 7:	Grand Total	Cohort	1	1743.0	1.859	.178
		Within Cells	58	937.5		

*Significant at the .05 level.

TABLE 56

Multivariate Analyses of Variance for the Follow-up Age Cohorts Study

1. Miscellaneous New Goals

Dependent Variables: Scores on Community Members, Matching by Position, Left-Right Orientation, Conservation, Counting Strategies, and Double Classification.

Source of Variance	F	df_1	df_2	P
Cohorts	1.893	6	53	.10

2. Miscellaneous Old Goals

Dependent Variables: Scores on Naming Forms, Enumeration, Classification, and Emotions.

Source of Variance	F	df_1	df_2	P
Cohorts	.359	4	55	.836

TABLE 57

Teacher Rankings in the Fall of 1970

At-school Follow-up Subjects: Average Percentile Rank by Revised Viewing Groups

	General Readiness			Verbal			Quantitative		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
3 H_l H_s	20	57.9	28.3	19	57.2	27.8	20	58.7	25.7
4 H_l L_s	18	64.9	26.2	16	67.2	27.9	16	67.4	25.9
5 L_l H_s	12	50.9	30.3	12	46.2	31.3	12	51.1	31.4
6 L_l L_s	33	48.3	26.5	32	46.3	30.2	32	48.0	27.9
Total	83	54.6	28.2	79	53.1	30.6	80	55.0	28.5
		n.s.			n.s.			n.s.	

	General Intelligence			Attitude to School			Relations with Peers		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
3 H_l H_s	20	58.4	28.4	20	69.5	28.5	20	57.2	27.1
4 H_l L_s	18	62.5	27.3	18	64.7	24.2	18	55.6	23.4
5 L_l H_s	12	57.3	30.7	12	51.7	29.2	12	56.8	32.3
6 L_l L_s	33	46.9	27.1	33	46.7	27.0	33	50.9	26.6
Total	83	55.6	28.7	83	56.9	28.9	83	54.3	27.1
		n.s.			.005 $p > .01$			n.s.	

	Coordination		
	N	Mean	SD
3 H_l H_s	20	58.7	24.3
4 H_l L_s	18	57.0	24.5
5 L_l H_s	12	51.4	24.3
6 L_l L_s	32	49.8	31.2
Total	82	53.8	27.5

TABLE 58

Correlations of Pretest (Below the Diagonal) and Posttest (Above the Diagonal)
Teacher Rankings and Child Attitude Scales

Teacher Ratings N = 83
Pretest Attitude Scales N = 64
Posttest Attitude Scales N = 62

		1	2	3	4	5	6	7	8	9	10	11
Child	1. Attitude to School	.49	.61	.74	.23	.26	.21	.11	.12	-.06	.14	.04
	2. Attitude to Others	.80	.28	.70	.15	.20	.21	.18	.11	.10	.21	.19
	3. Attitude to Race	.63	.70	.21	.20	.26	.26	.21	.14	-.01	.14	.09
Teacher	4. General Readiness	.20	.04	-.05	.81	.93	.94	.92	.81	.60	.76	.59
	5. Verbal Skills	.20	.00	-.02	.90	.77	.92	.91	.84	.62	.75	.60
	6. Quantitative Skills	.21	.03	-.07	.96	.93	.84	.91	.76	.56	.70	.58
	7. Intelligence	.22	.05	-.02	.90	.91	.91	.74	.81	.60	.73	.63
	8. Attitude to School	.23	.04	.04	.81	.78	.78	.78	.72	.78	.67	.74
	9. Peer Relationships	.14	.01	-.03	.72	.59	.68	.65	.72	.59	.51	.86
	10. Motor Coordination	.07	-.09	-.11	.68	.62	.67	.65	.63	.57	.71	.53
	11. Cooperation	---	---	---	---	---	---	---	---	---	---	---

Correlations pretest to posttest are on the diagonal.

TABLE 59

Teacher Rankings in the Spring of 1971

At-school Follow-up Subjects: Average Percentile Rank by Viewing Groups

		General Readiness		Verbal	
	N	Mean	SD	Mean	SD
7 H_1 H_s H_2	11	52.8	31.7	54.4	27.9
8 H_1 H_s L_2	9	61.4	18.9	62.8	23.2
9 H_1 L_s L_2	18	63.2	26.7	65.0	26.3
10 L_1 H_s H_2	6	62.3	32.3	60.3	37.2
11 L_1 H_s L_2	6	44.1	27.1	35.0	22.0
12 L_1 L_s L_2	34	46.5	25.4	47.1	28.4
Total	84	53.6	27.7	53.7	29.1
		n.s.		n.s.	

		Quantitative		General Intelligence	
	N	Mean	SD	Mean	SD
7 H_1 H_s H_2	11	49.0	30.3	52.3	31.7
8 H_1 H_s L_2	9	55.3	27.1	63.2	21.9
9 H_1 L_s L_2	18	65.0	25.9	63.7	29.0
10 L_1 H_s H_2	6	62.1	30.8	61.4	30.6
11 L_1 H_s L_2	6	44.0	25.8	33.1	25.2
12 L_1 L_s L_2	34	44.5	27.6	48.9	28.1
Total	84	51.9	29.0	53.8	29.5
		n.s.		n.s.	

		Attitude to School		Relations with Peers	
	N	Mean	SD	Mean	SD
7 H_1 H_s H_2	11	59.9	28.8	61.4	28.5
8 H_1 H_s L_2	9	57.3	20.9	55.9	29.6
9 H_1 L_s L_2	18	63.7	25.4	58.9	27.3
10 L_1 H_s H_2	6	63.4	36.7	60.3	29.3
11 L_1 H_s L_2	6	38.6	22.3	32.0	26.2
12 L_1 L_s L_2	34	50.3	27.6	46.5	31.2
Total	84	55.3	28.0	52.1	30.6
		n.s.		n.s.	

		Coordination		Cooperation	
	N	Mean	SD	Mean	SD
7 H_1 H_s H_2	11	64.6	23.3	57.7	30.8
8 H_1 H_s L_2	9	60.7	15.6	56.3	24.7
9 H_1 L_s L_2	18	64.9	28.1	64.0	26.5
10 L_1 H_s H_2	6	51.2	21.1	62.2	27.0
11 L_1 H_s L_2	6	43.3	26.1	43.0	23.9
12 L_1 L_s L_2	34	47.2	27.4	50.3	28.1
Total	84	54.7	26.9	55.2	28.2
		n.s.		n.s.	

FIGURE 1

PRETEST AND POSTTEST SCORES OF 3, 4
AND 5-YEAR OLD DISADVANTAGED CHILDREN

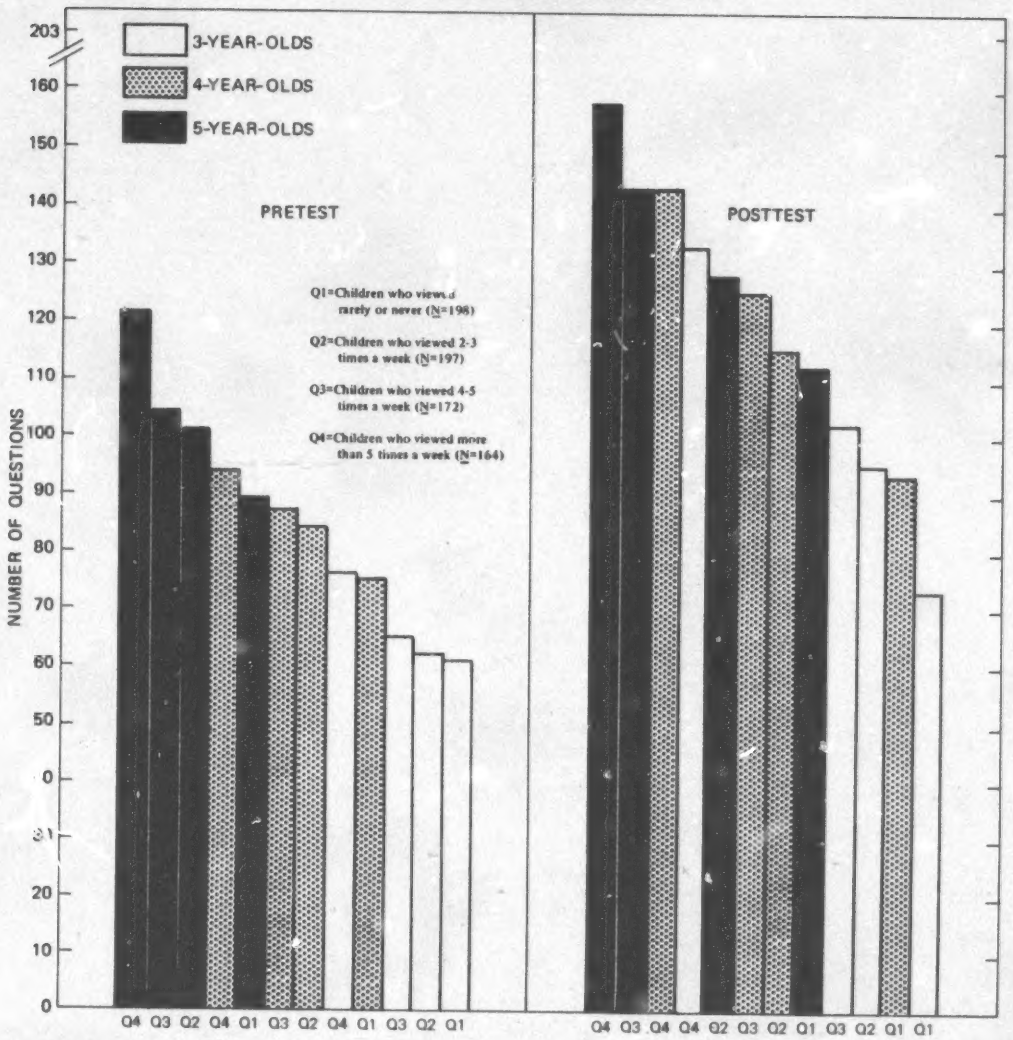


FIGURE 2
PRETEST AND POSTTEST SCORES OF DISADVANTAGED AND ADVANTAGED 4-YEAR OLD CHILDREN

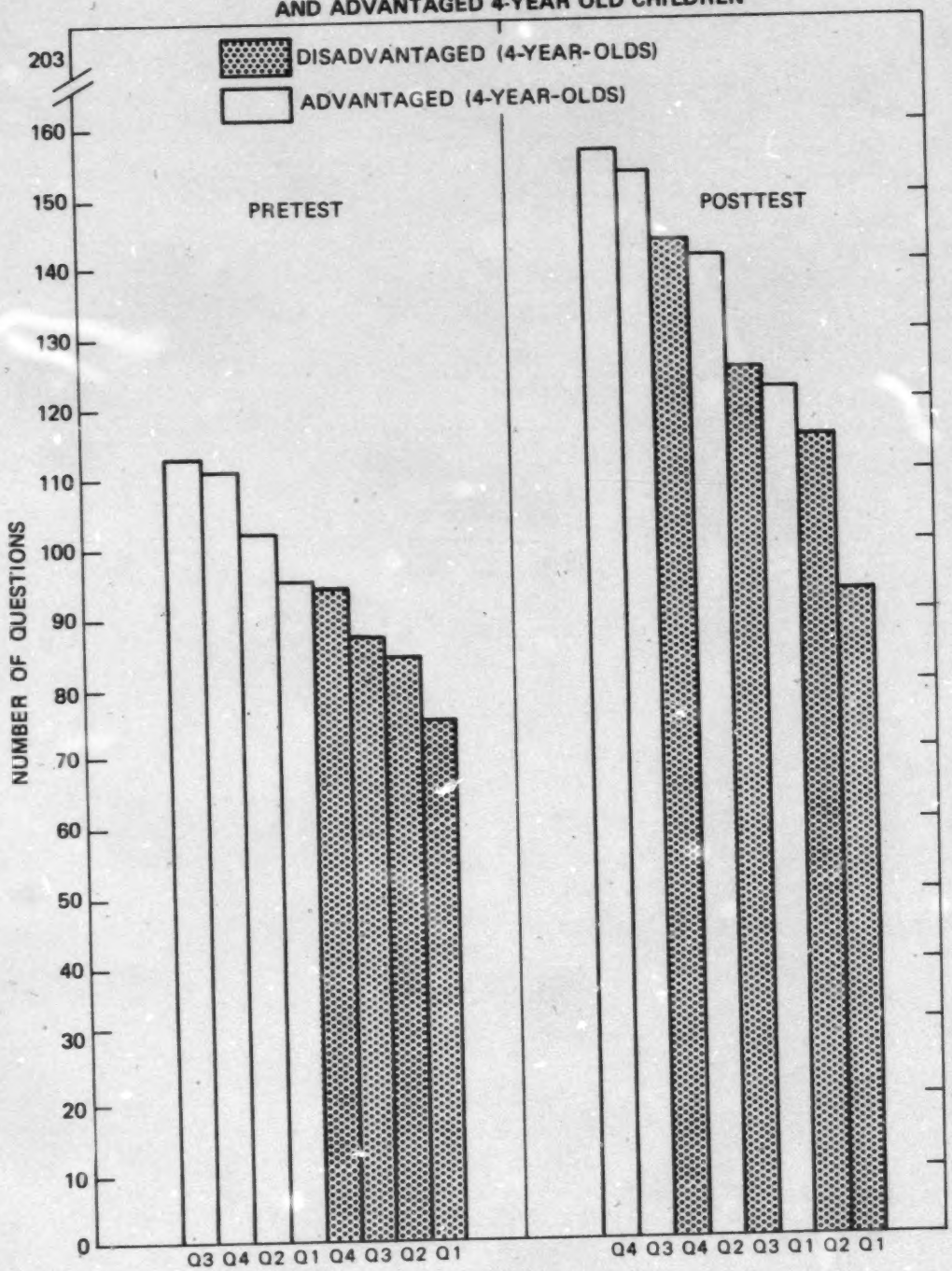


FIGURE 3a

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY ALL CHILDREN AT PRETEST AND POSTTEST
(TOTAL SCORES)

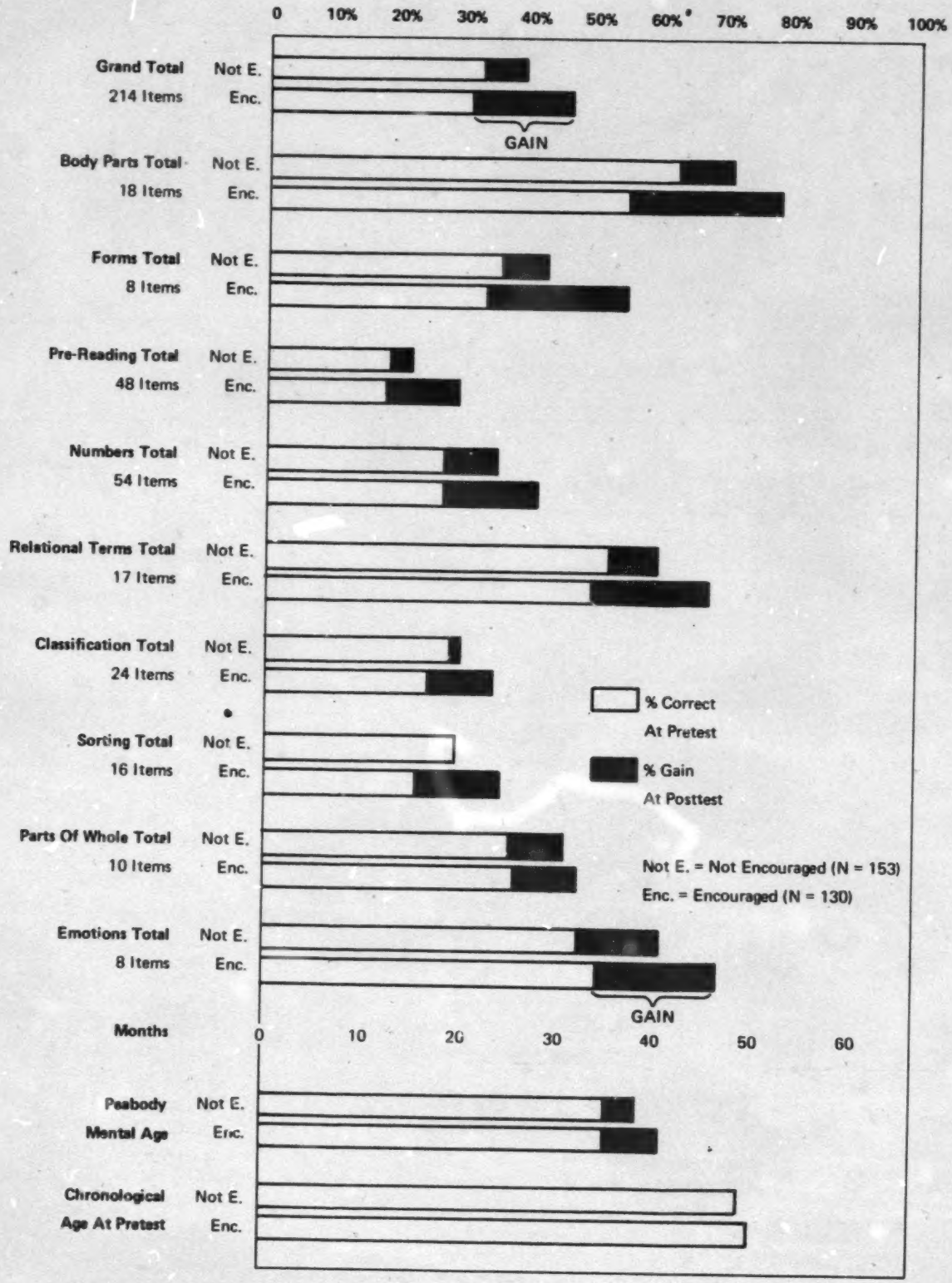


FIGURE 3b

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY ALL CHILDREN AT PRETEST AND POSTTEST
(SELECTED SUBTESTS SCORES)

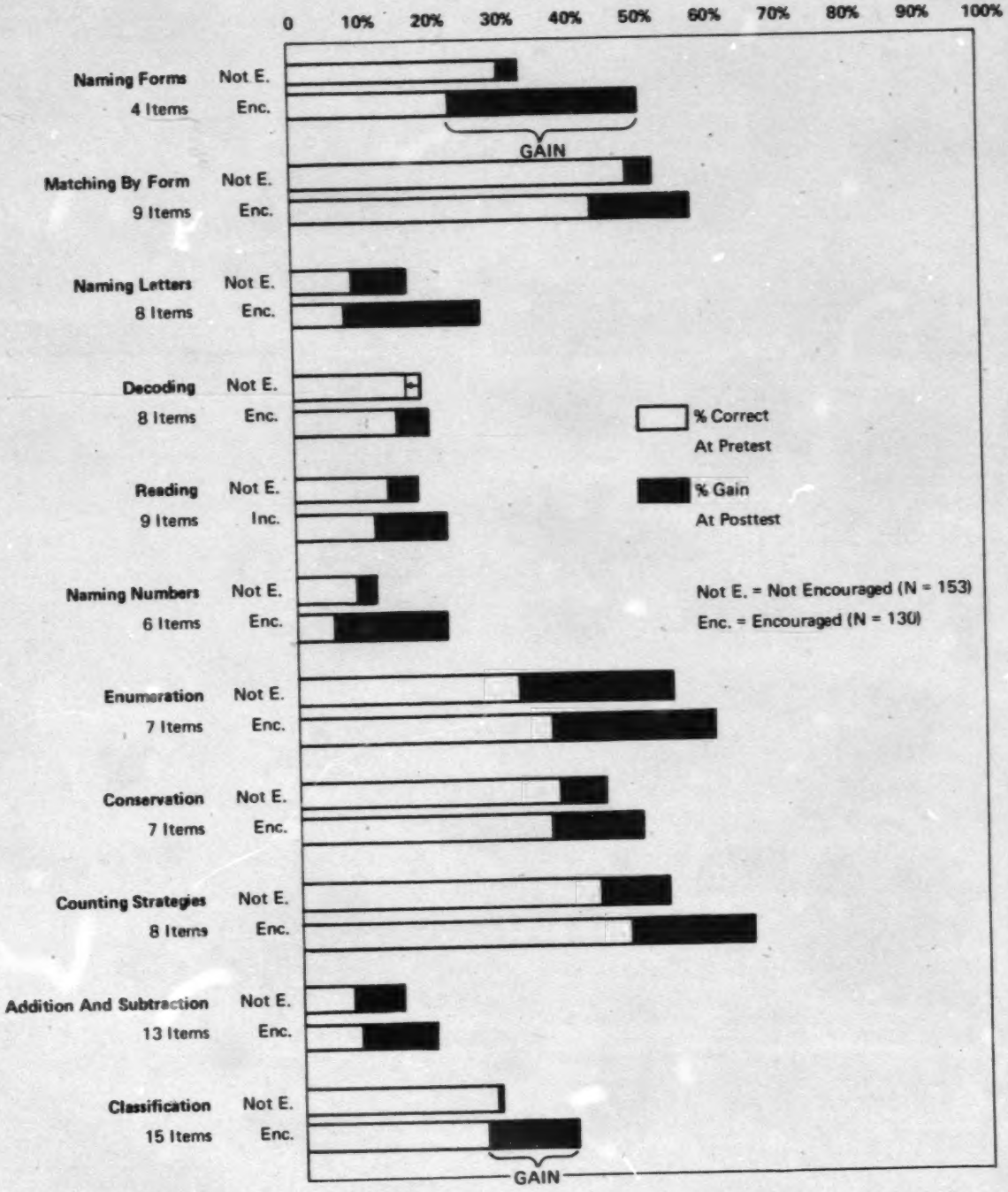


FIGURE 4

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY ALL CHILDREN AT PRETEST AND POSTTEST
(BY VIEWING GROUPS)

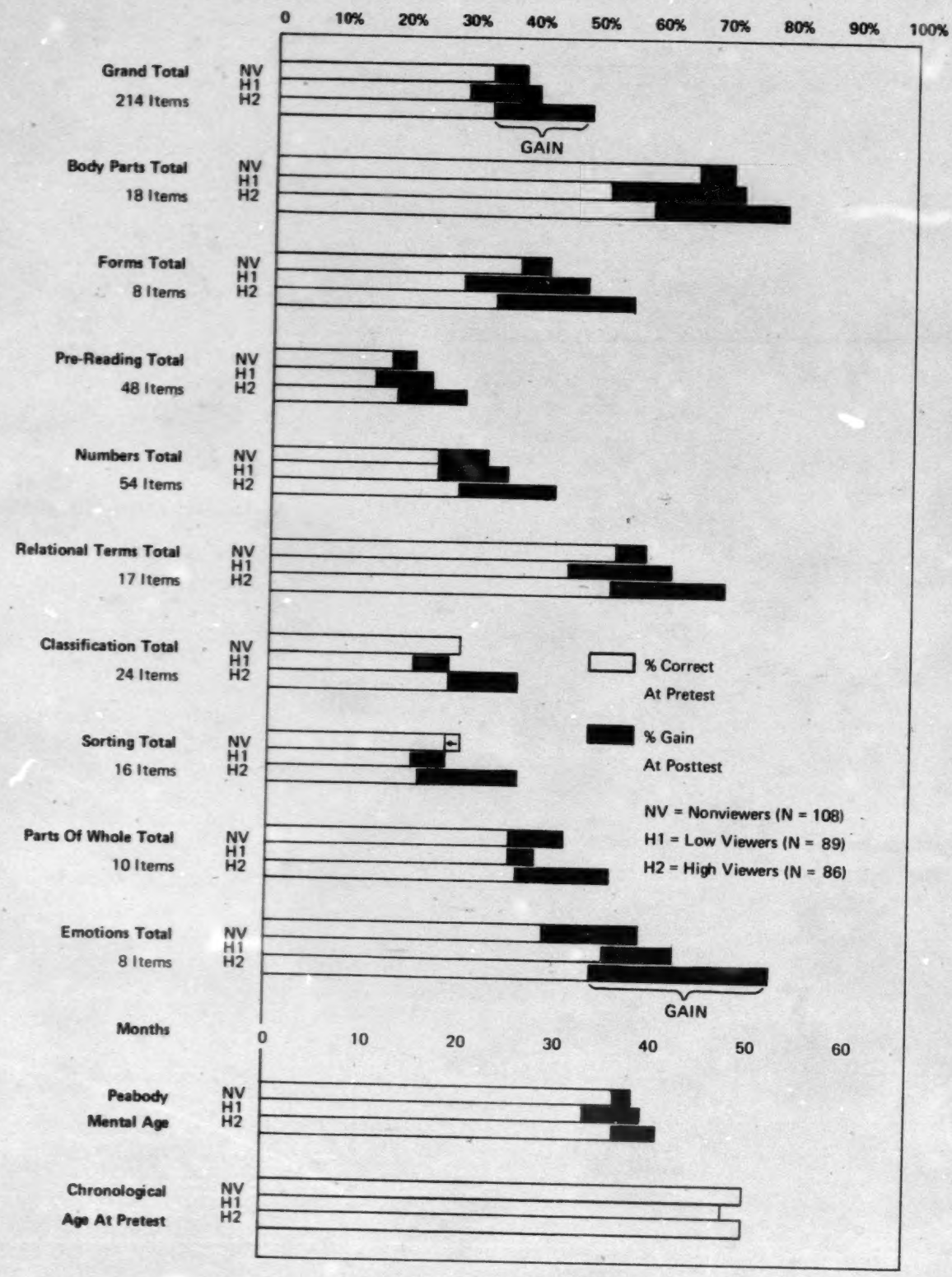


FIGURE 5a

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY 3-YEAR-OLD CHILDREN AT PRETEST AND POSTTEST

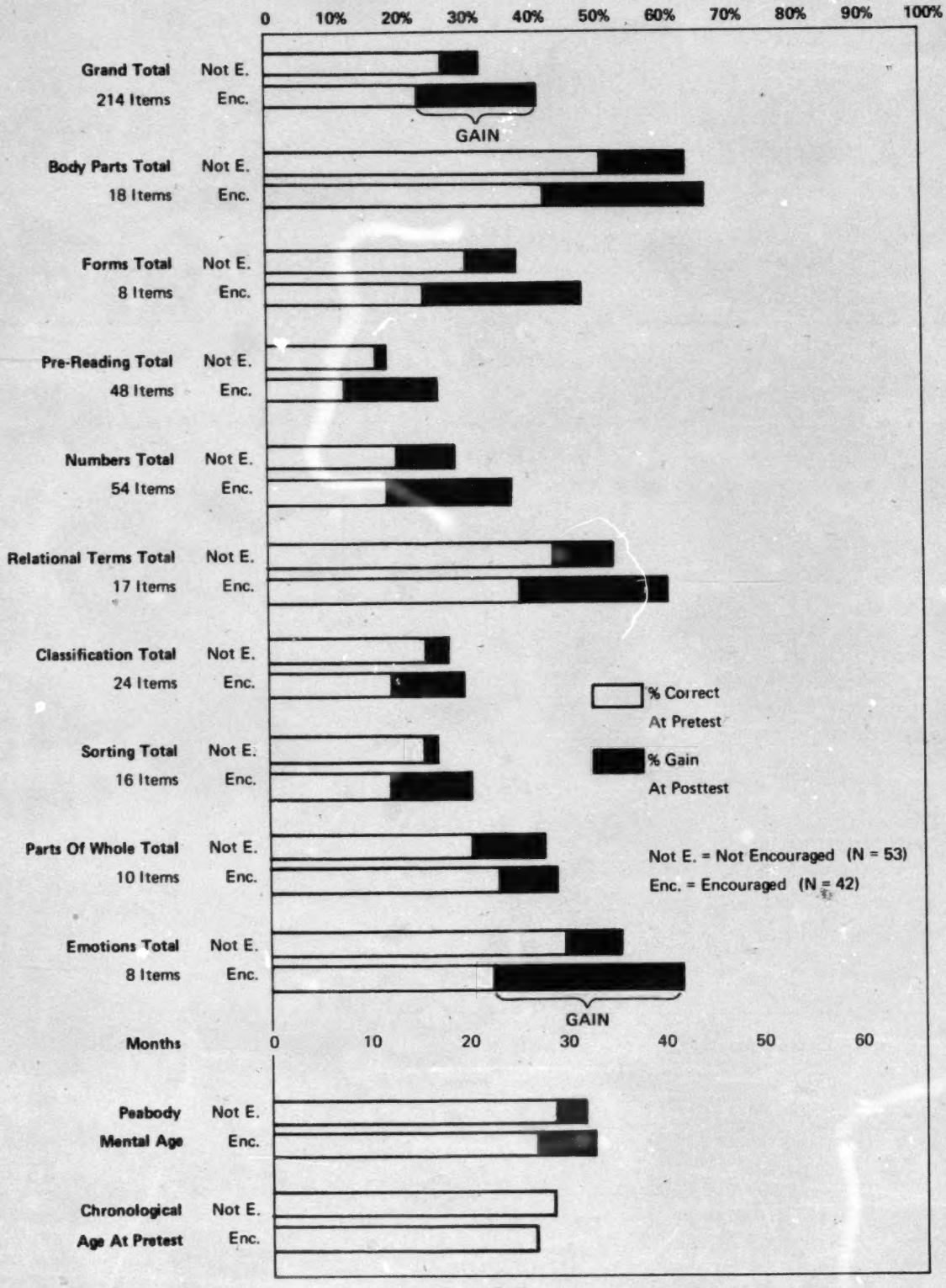


FIGURE 5b

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY 4-YEAR-OLD CHILDREN AT PRETEST AND POSTTEST

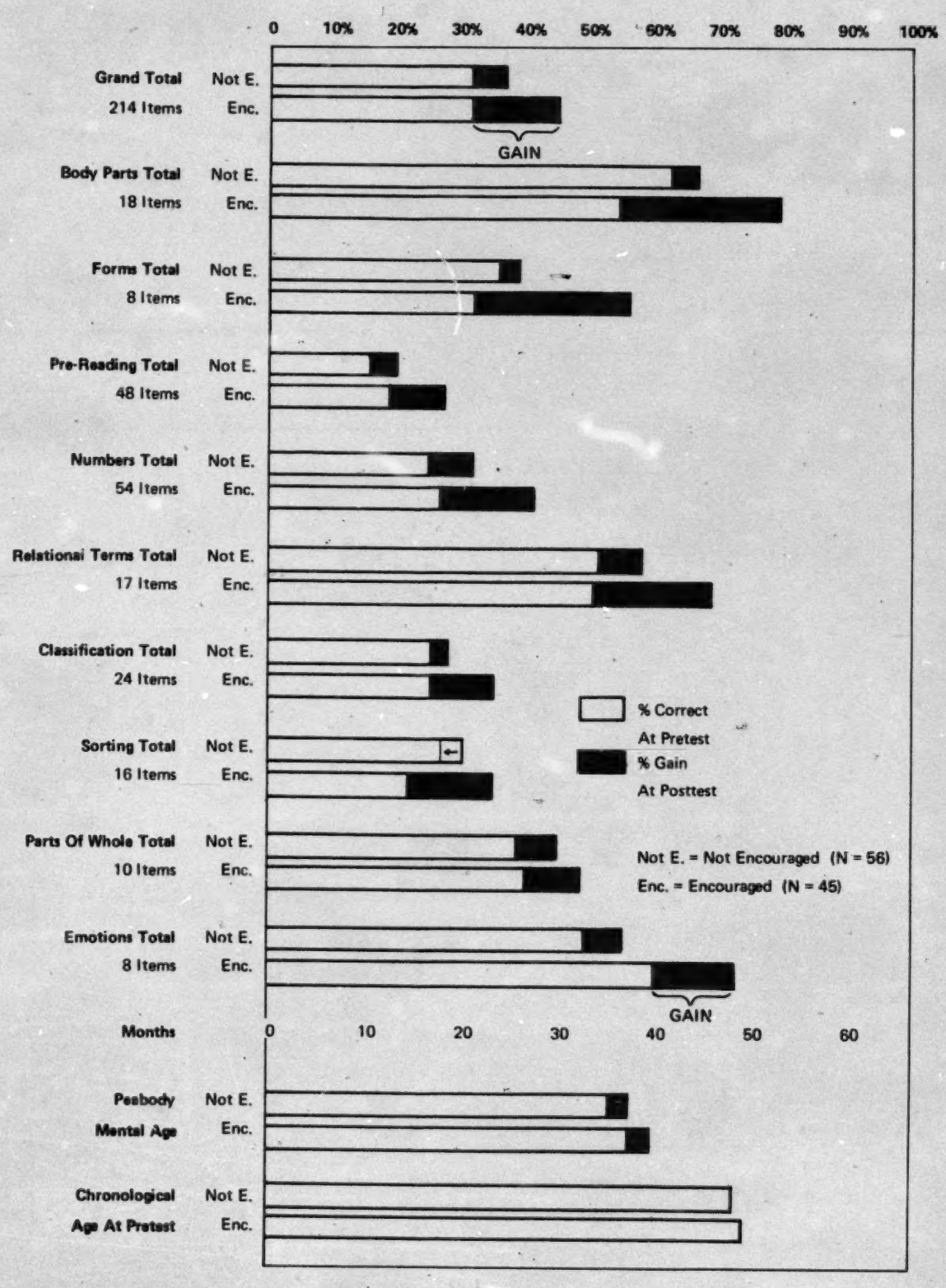


FIGURE 5c

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY 5-YEAR-OLD CHILDREN AT PRETEST AND POSTTEST

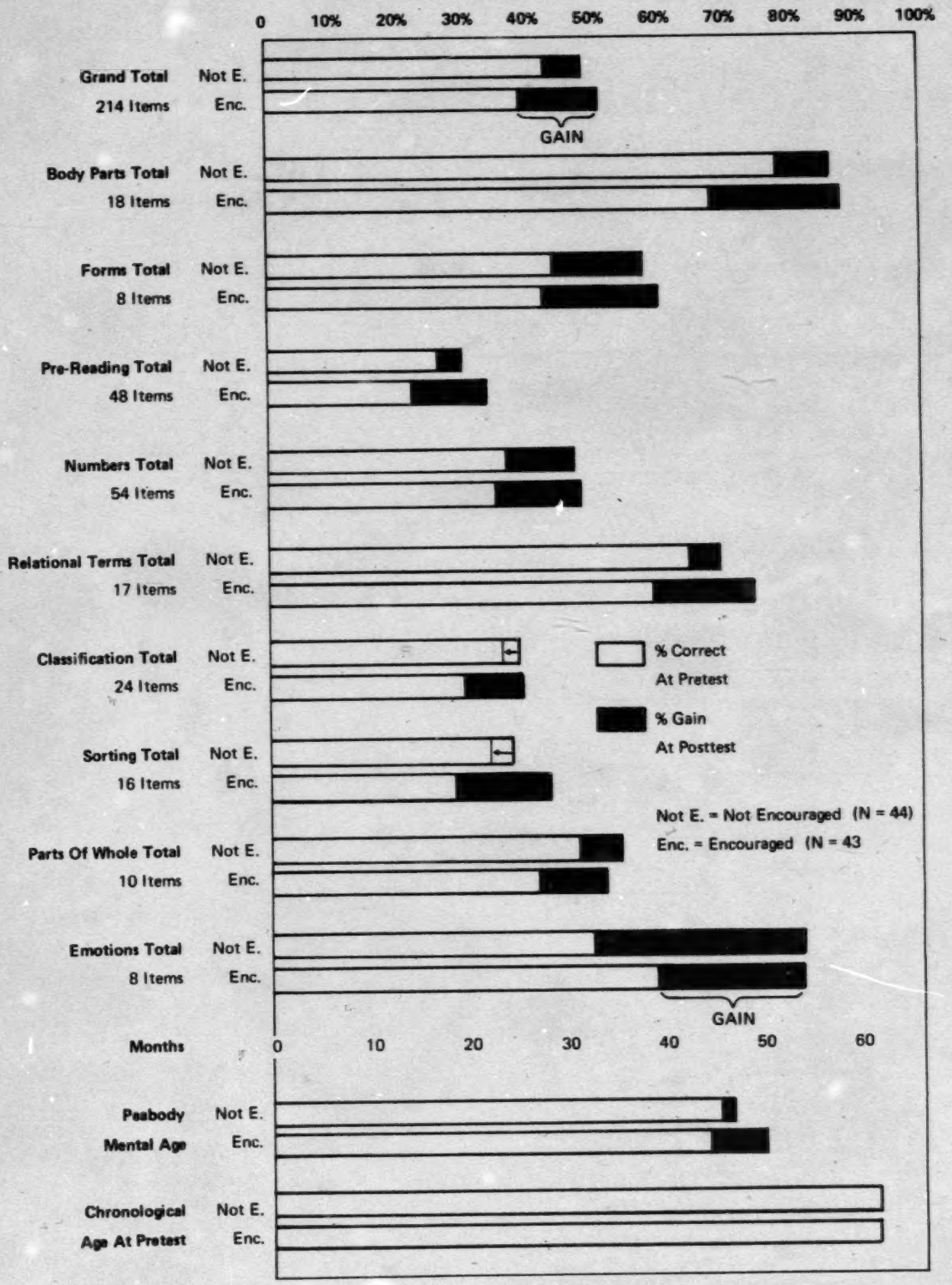

0 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Grand Total 214 Items
Not E.
Enc.
GAIN
Body Parts Total 18 Items
Forms Total 8 Items
Pre-Reading Total 48 Items
Numbers Total 54 Items
Relational Terms Total 17 Items
Classification Total 24 Items
Sorting Total 16 Items
Parts Of Whole Total 10 Items
Emotions Total 8 Items
% Correct At Pretest
% Gain At Posttest
Not E. = Not Encouraged (N = 44)
Enc. = Encouraged (N = 43
Months
0 10 20 30 40 50 60
Peabody Mental Age
Chronological Age At Pretest

FIGURE 6a

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY GIRLS AT PRETEST AND POSTTEST

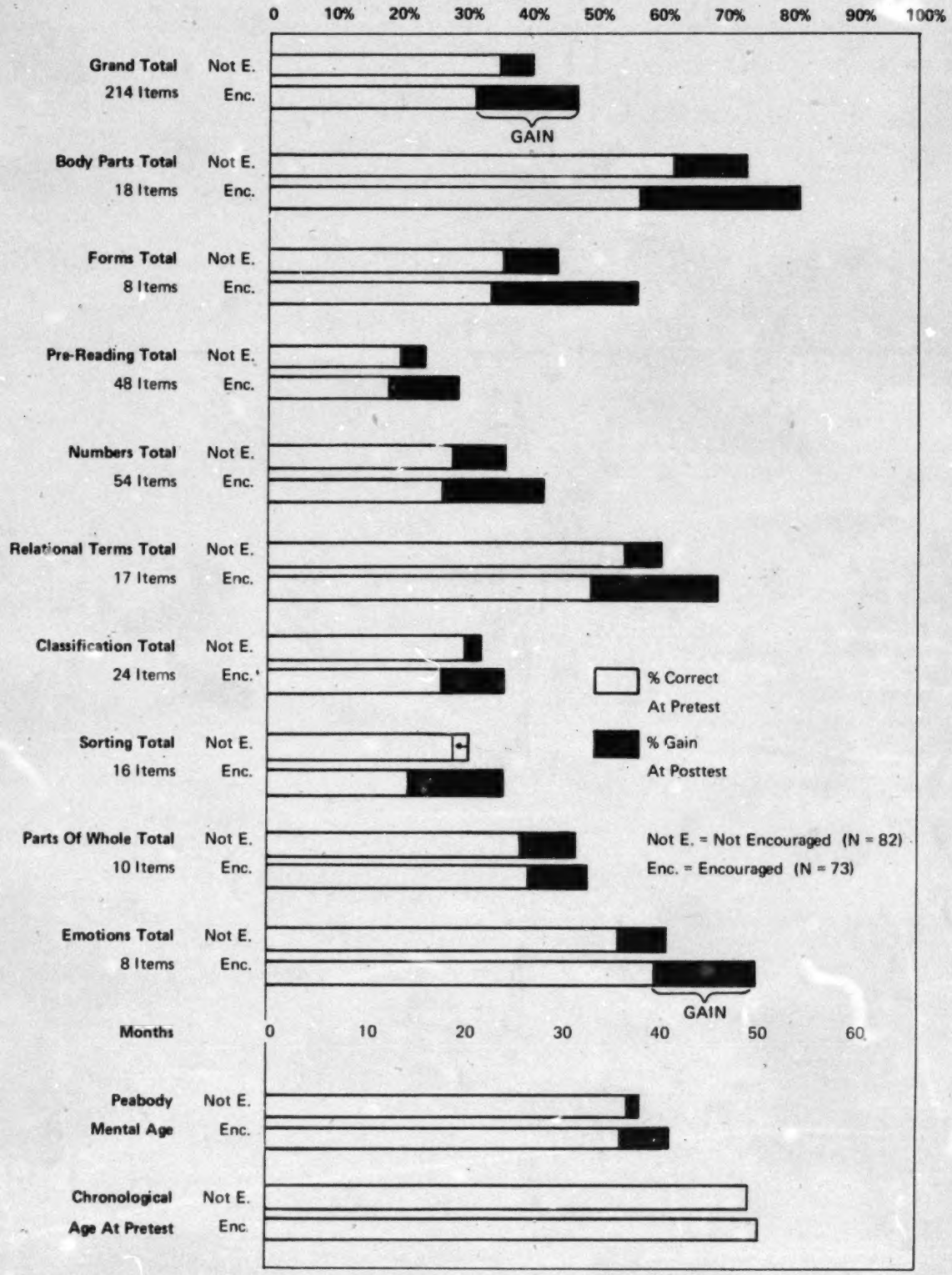

0 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Grand Total 214 Items
Not E.
Enc.
GAIN
Body Parts Total 18 Items
Forms Total 8 Items
Pre-Reading Total 48 Items
Numbers Total 54 Items
Relational Terms Total 17 Items
Classification Total 24 Items
Sorting Total 16 Items
Parts Of Whole Total 10 Items
Emotions Total 8 Items
% Correct At Pretest
% Gain At Posttest
Not E. = Not Encouraged (N = 82)
Enc. = Encouraged (N = 73)
Months
0 10 20 30 40 50 60
Peabody Mental Age
Chronological Age At Pretest

FIGURE 6b

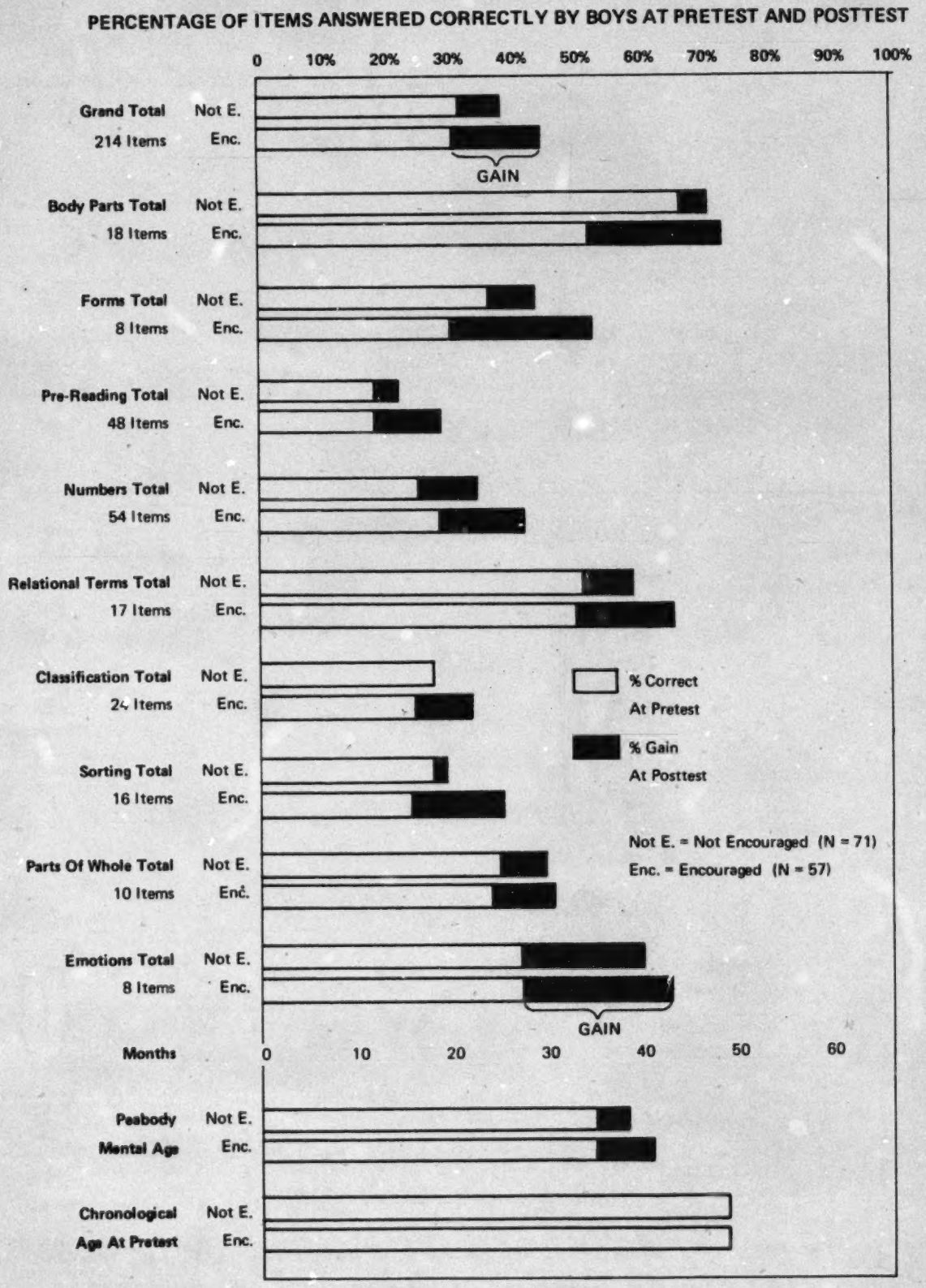

PERCENTAGE OF ITEMS ANSWERED CORRECTLY BY BOYS AT PRETEST AND POSTTEST
0 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Grand Total 214 Items
Body Parts Total 18 Items
Forms Total 8 Items
Pre-Reading Total 48 Items
Numbers Total 54 Items
Relational Terms Total 17 Items
Classification Total 24 Items
Sorting Total 16 Items
Parts Of Whole Total 10 Items
Emotions Total 8 Items
Not E.
Enc.
GAIN
% Correct At Pretest
% Gain At Posttest
Not E. = Not Encouraged (N = 71)
Enc. = Encouraged (N = 57)
Months
0 10 20 30 40 50 60
Peabody Mental Age
Chronological Age At Pretest

FIGURE 7a

AGE COHORTS

PERCENTAGE OF ITEMS ANSWERED CORRECTLY ON TOTAL TESTS BY COHORTS 1 AND 2

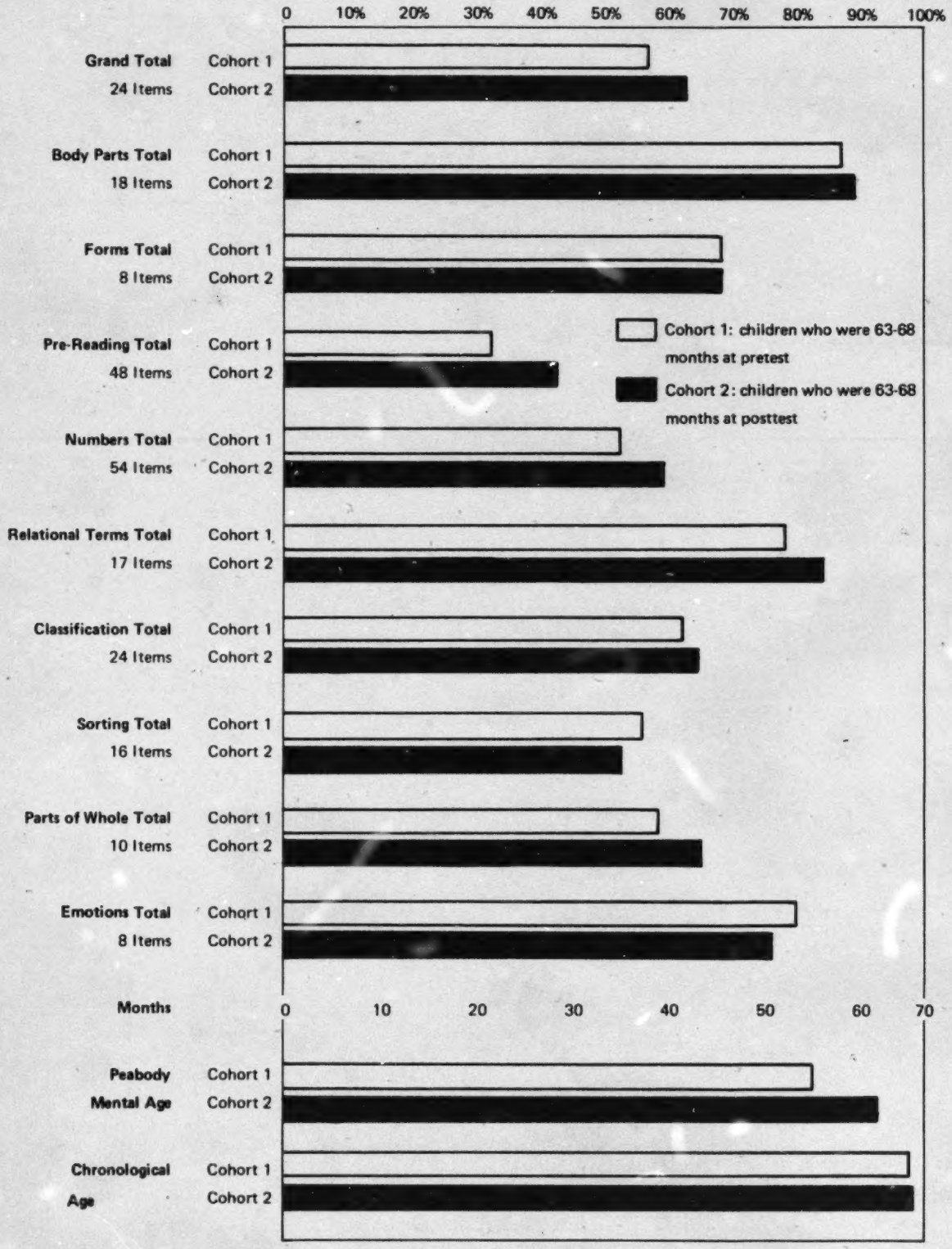
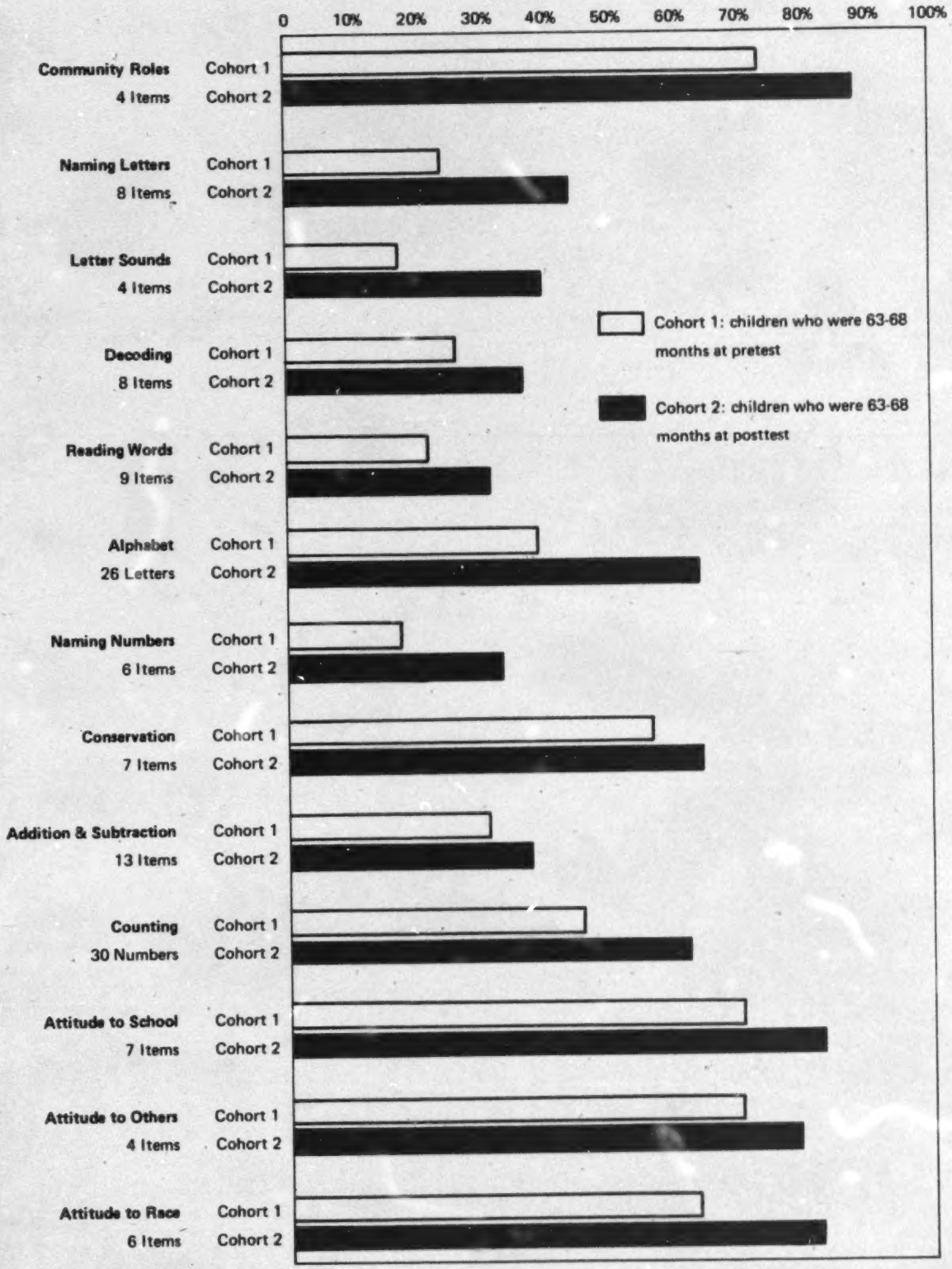


FIGURE 7b

AGE COHORTS

PERCENTAGE OF ITEMS ANSWERED CORRECTLY ON SELECTED SUBSCORES BY COHORTS 1 AND 2